YOUNGSTOWN, OHIO-PA.

NATIONAL WETLANDS INVENTORY

30 X 60 MINUTE SERIES (PRELIMINARY)

Youngstown
OHIO-PA.

1:100 000 — Series Map of

National Wetlands Inventory

- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names

1982

Produced by the United States Fish and Wildlife Service

MAURICE A. GODDARD STATE PARK

Youngstown

Boardman

SCALE 1:100 000

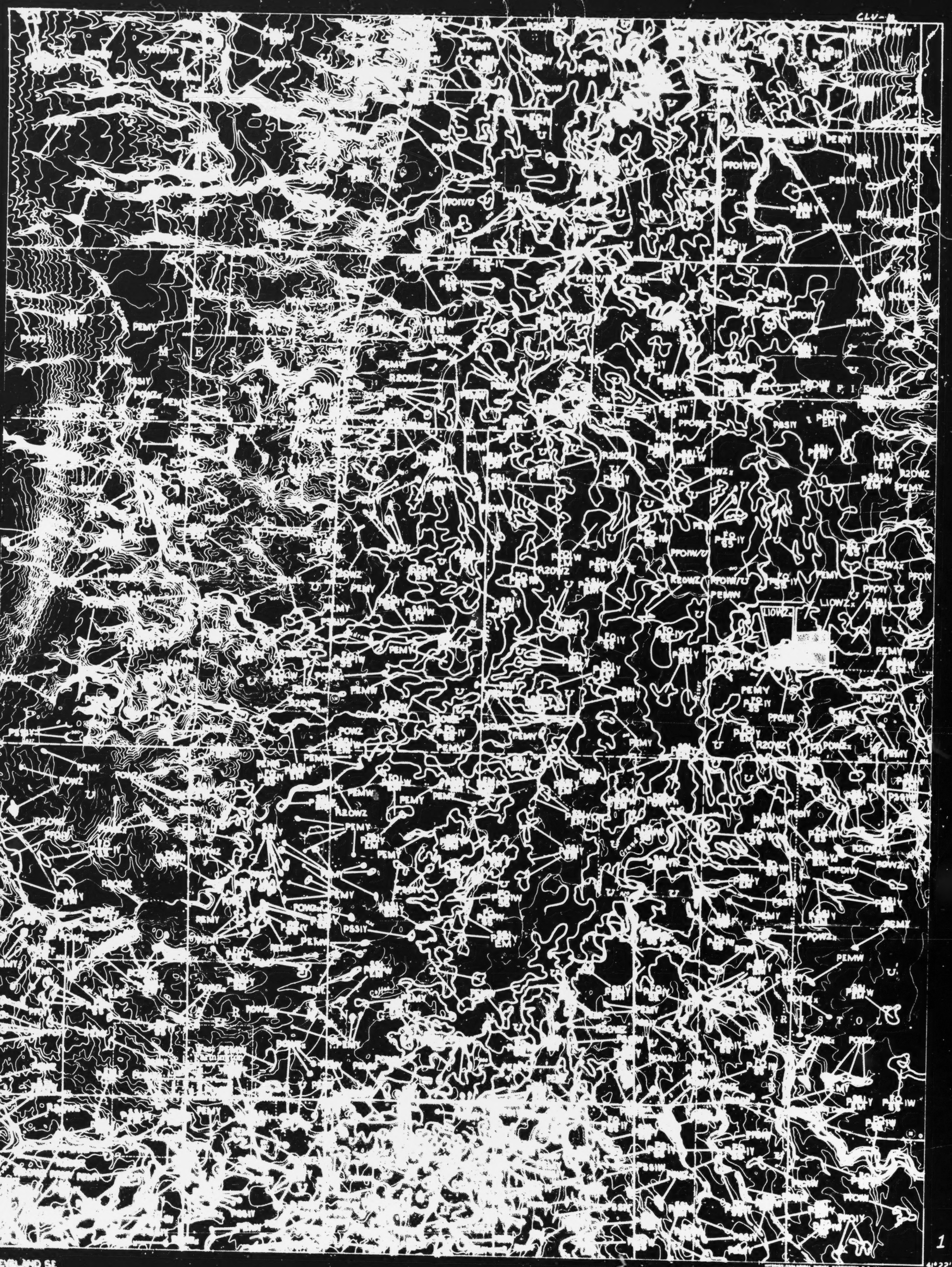
WETLAND LEGEND

YOUNGSTOWN, OHIO-PA.
(SE ¼ of Cleveland 1:250,000)

AF 14694C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



WETLAND LEGEND

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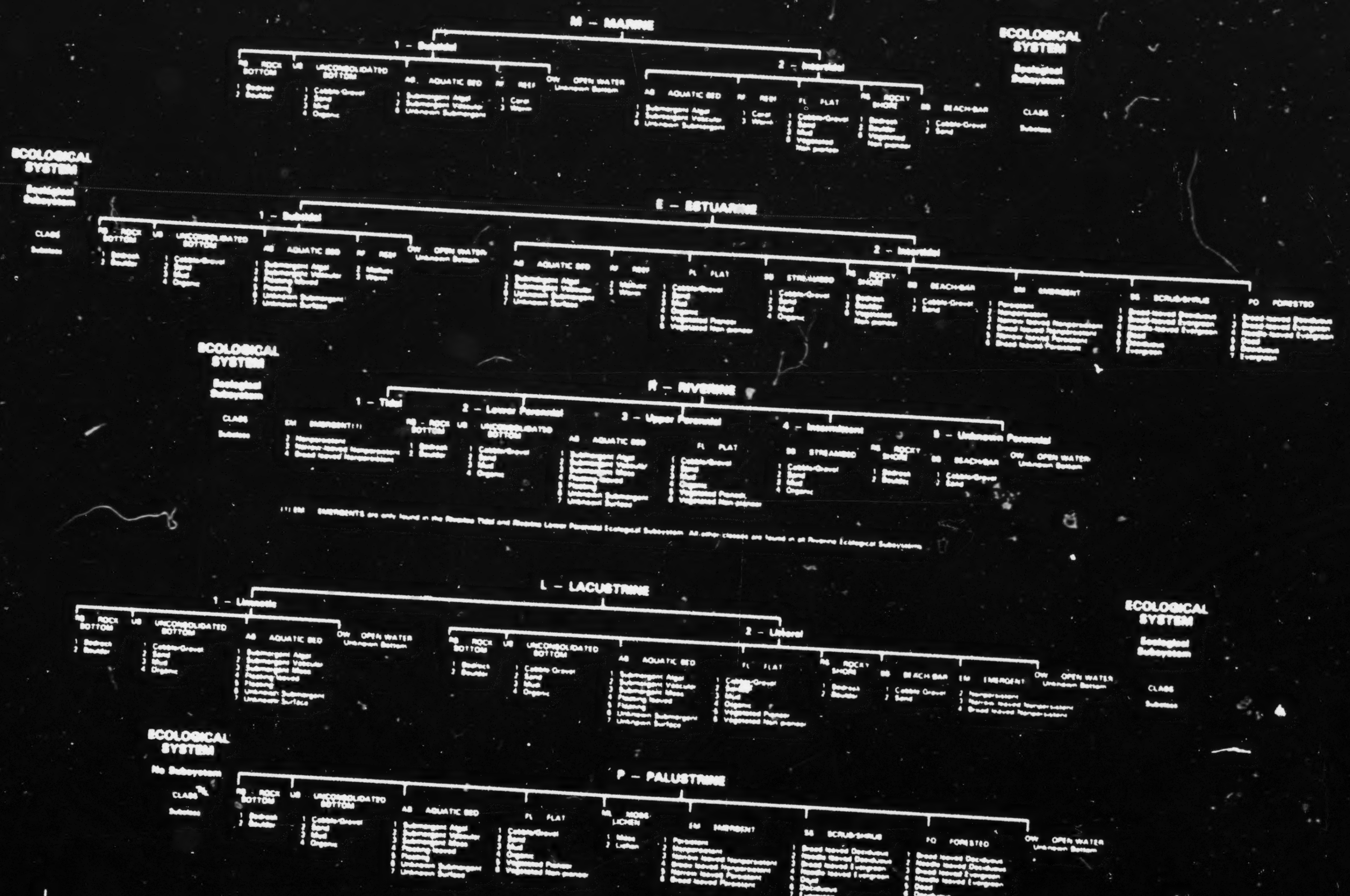
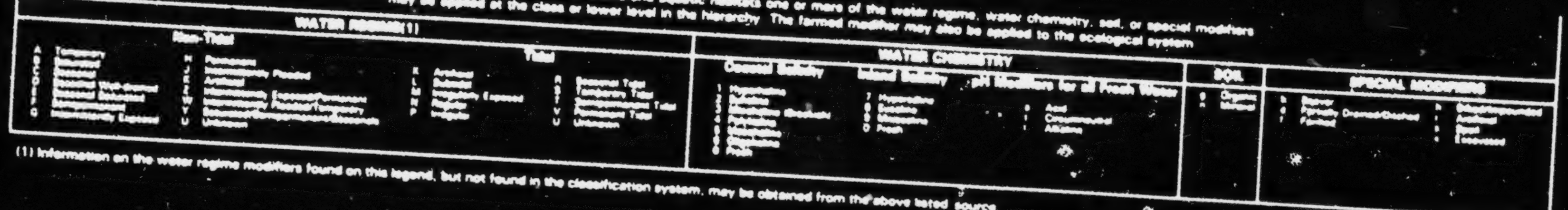


MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.



(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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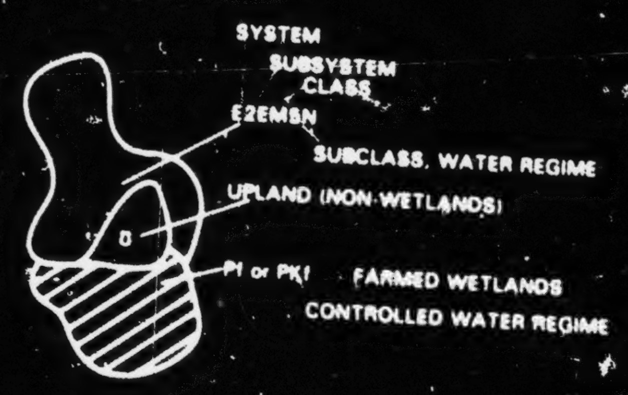
SYMBOLOGY EXAMPLE



NOTES TO THE USER

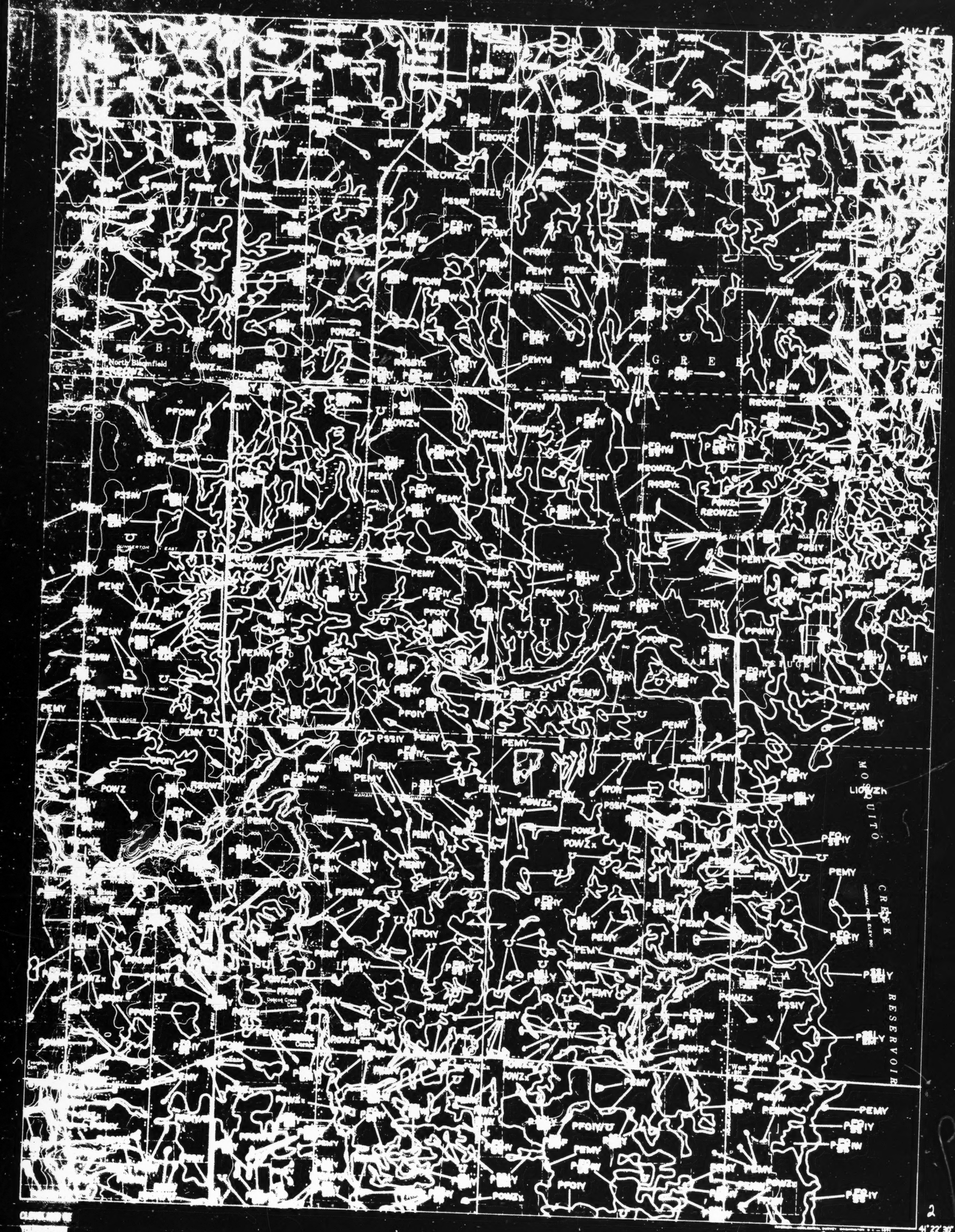
- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user.
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.

CLEVELAND SE (YOUNGSTOWN)

WEST FARMINGTON	BRISTOLVILLE	ORWELL / GUSTAVUS	KINSMAN	GREENVILLE WEST	GREENVILLE EAST	HADLEY	NEW LEBANON
SOUTHINGTON	CHAMPION	CORTLAND	ORANGEVILLE	SHARPSVILLE	FREDONIA	JACKSON CENTER	SANDY LAKE
NEWTON FALLS	WARREN	GIRARD	SHARON WEST	SHARON EAST	GREENFIELD	MERCER	GROVE CITY
LAKE MILTON	CANFIELD	YOUNGSTOWN	CAMPBELL	EDINBURG	NEW CASTLE NORTH	HARLANSBURG	SLIPPERY ROCK

NW · NC · NE · SW · SC · SE

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR



SCALE 1:24 000

41° 22' 30"
80°45'

BRISTOLVILLE, OHIO

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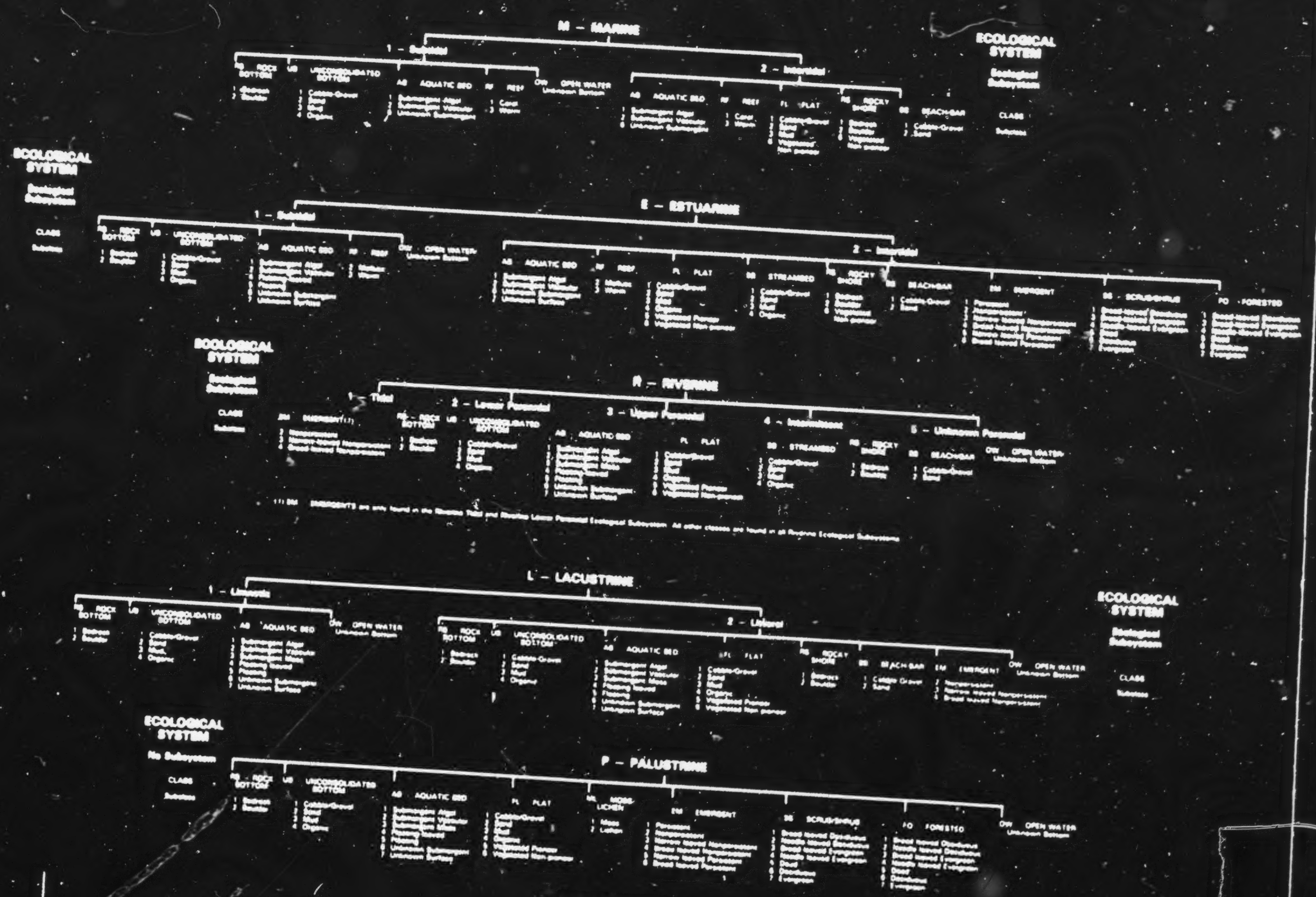

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WATER REGIMES(1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
[illegible]	K Artificial L Subtidal M Irregularly Exposed N Regular P Irregular S Seasonal Tidal T Temporary Tidal V Permanent Tidal U Unknown	[illegible]	7 Hypersaline 8 Eusaline 9 Mixosaline 0 Fresh	a Acid t Circumneutral i Alkaline	g Organic n Mineral	b Beaver d Partially Drained/Ditched f Farmed h Diked/Impounded r Artificial s Spoil x Excavated

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source

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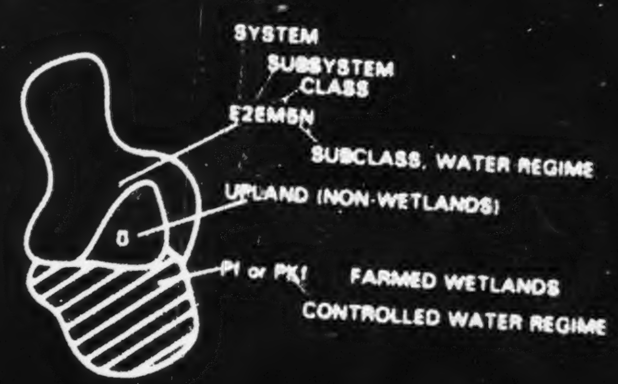

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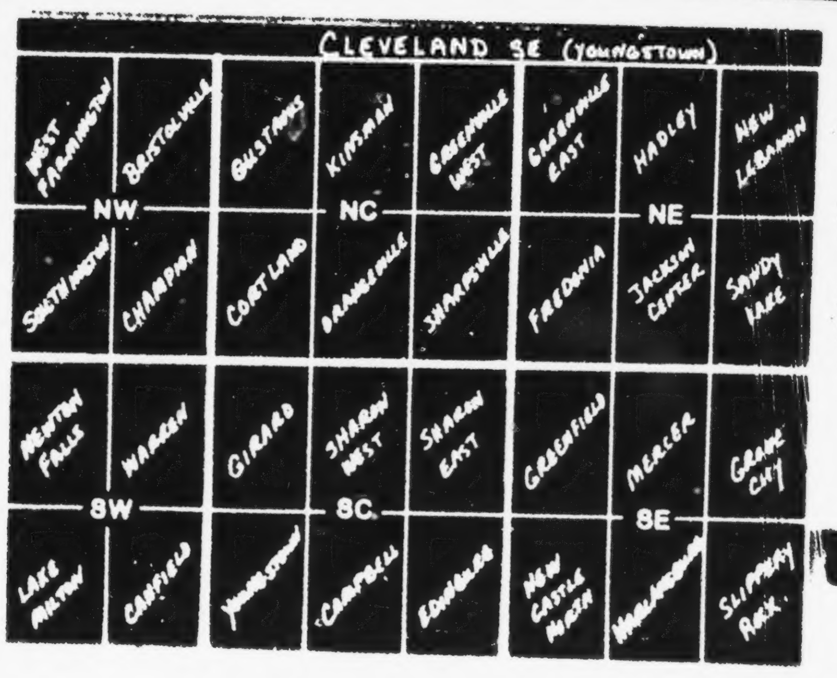
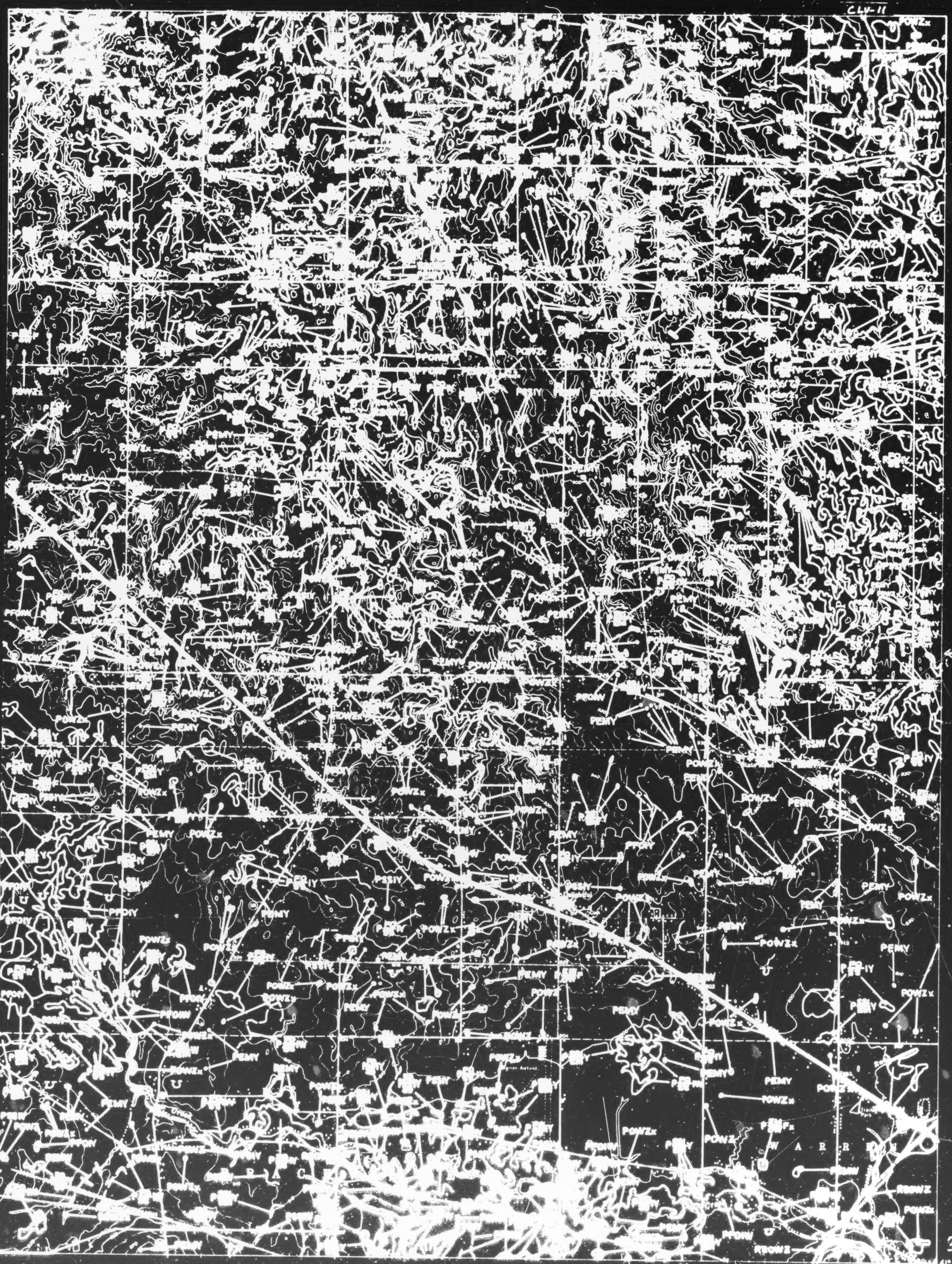


AP 1498AC-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-11



CLEVELAND SE
YOUNGSTOWN

SOUTHINGTON, OHIO

41° 15'
80°52'30"

WETLAND LEGEND

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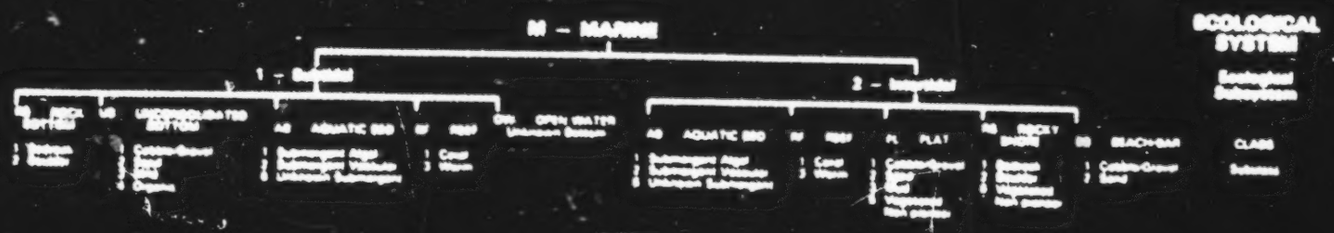
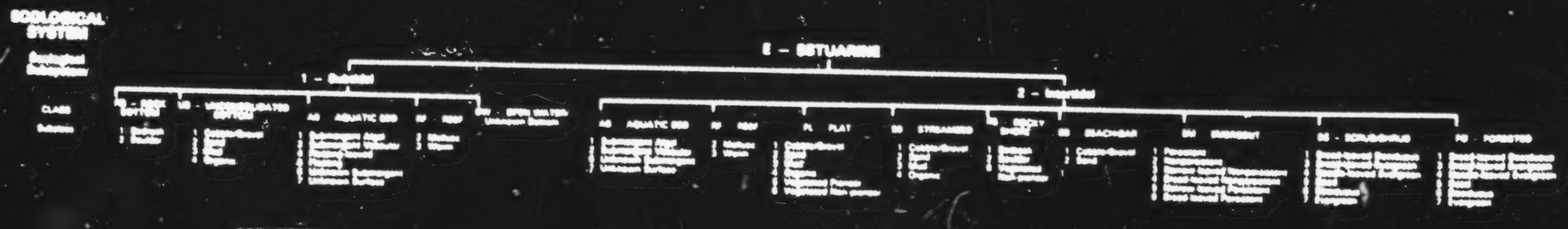
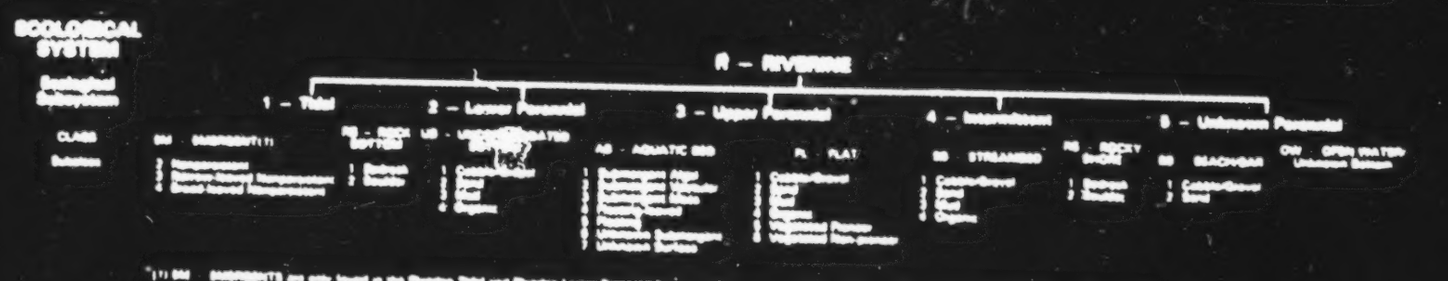
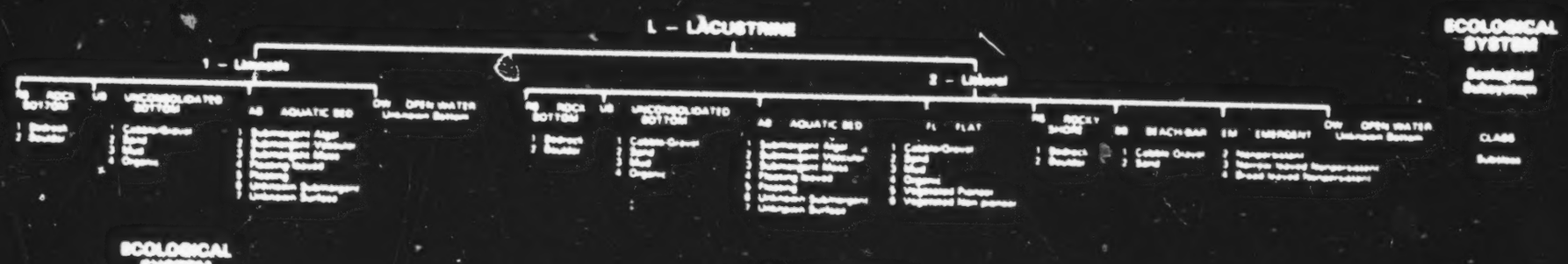
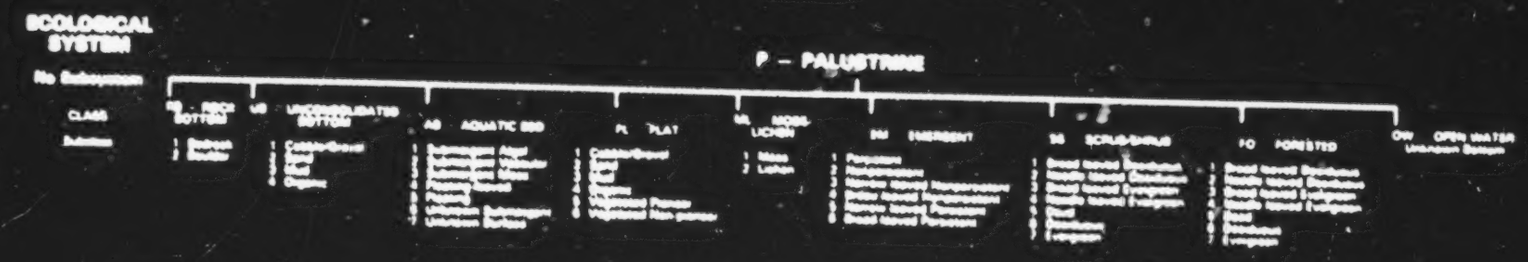






*(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.





MODIFYING TERMS

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WATER REGIME(1)										WATER CHEMISTRY					SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal								Coastal Waters	Inland Saline Water	All Modifiers for all Fresh Water					
A Temporary	F Seasonal	H Permanent	K Artificial							P Hyperhaline	S Euhaline	T Mixohaline (Brackish)	V Polyhaline		1 Organic	5 Natric	6 Saline
B Saturated	G Semipermanent	J Intermittently Exposed															
C Seasonal	H Permanent	K Artificial															
D Intermittent	J Intermittently Exposed																
E Permanent	K Artificial																
F Seasonal	G Semipermanent	J Intermittently Exposed															
G Semipermanent	J Intermittently Exposed																
H Permanent	J Intermittently Exposed																
J Intermittently Exposed																	
K Artificial																	

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source

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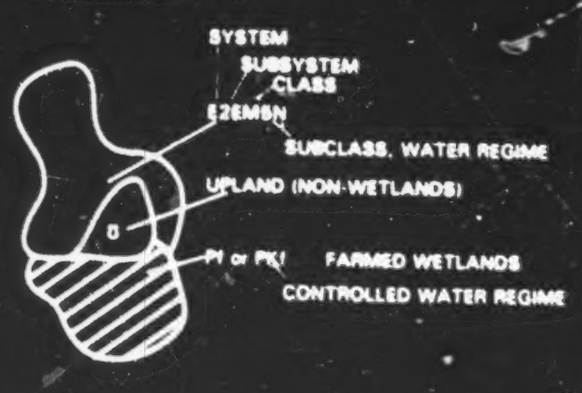

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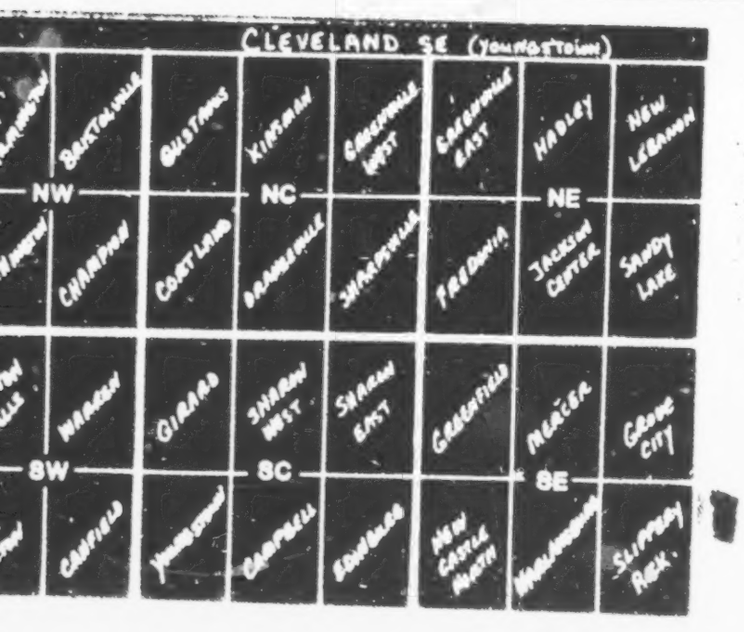
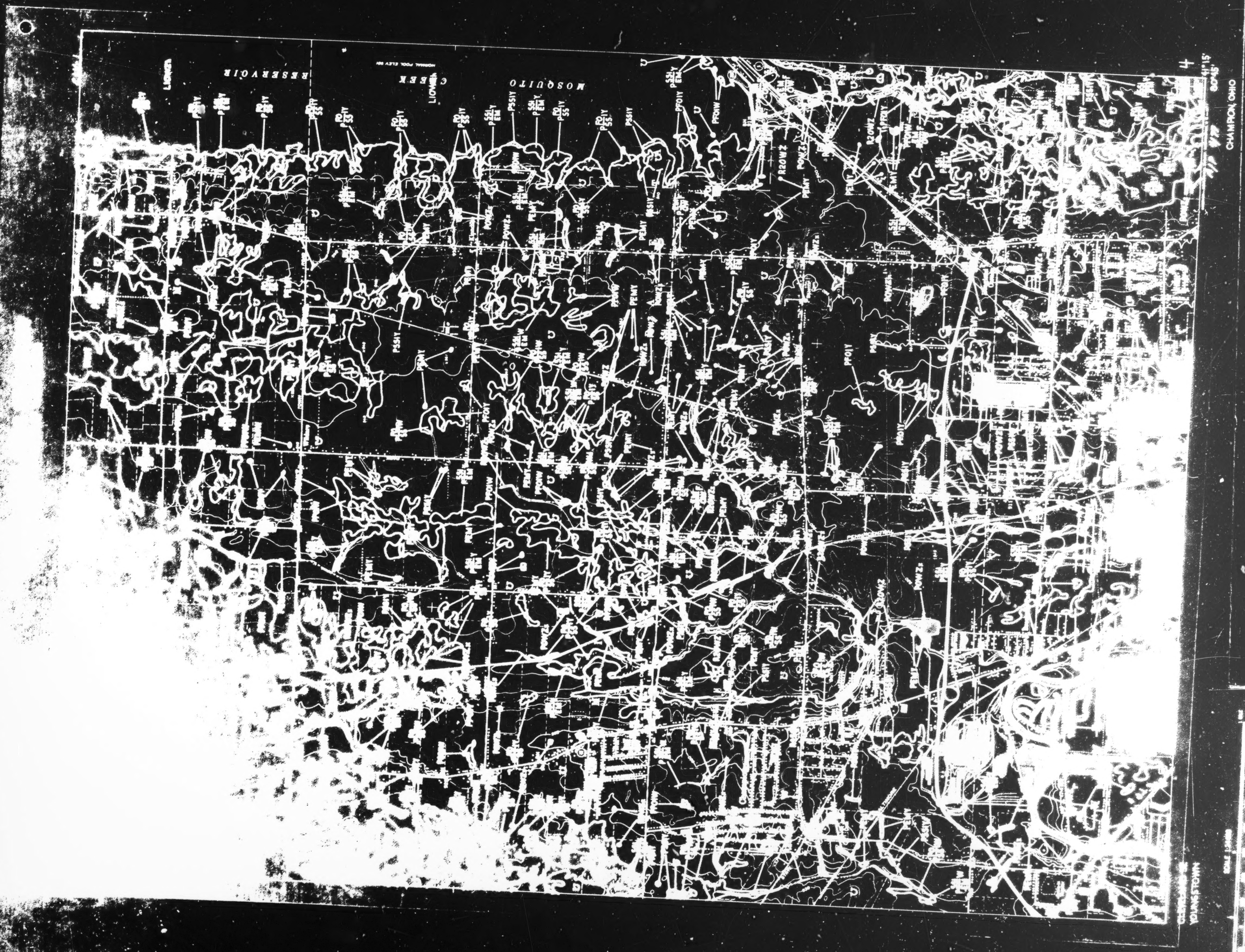
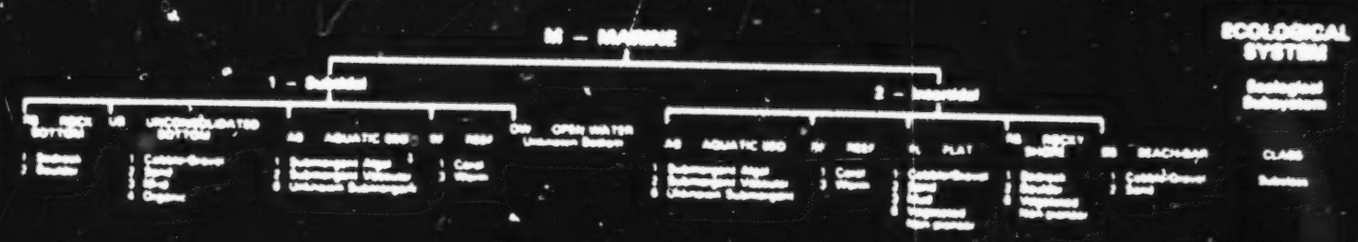
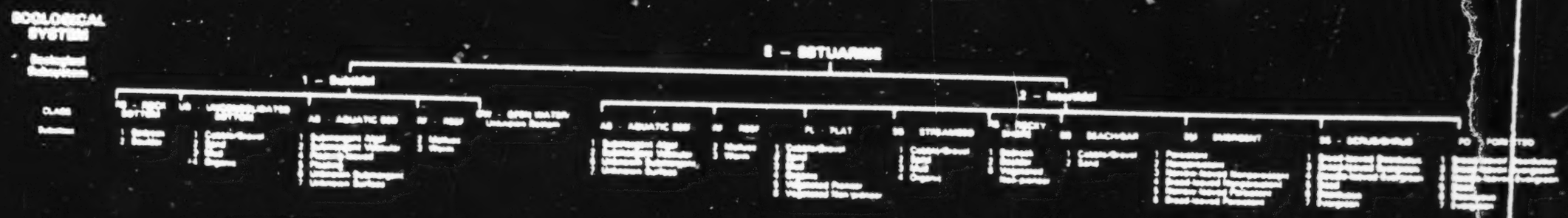


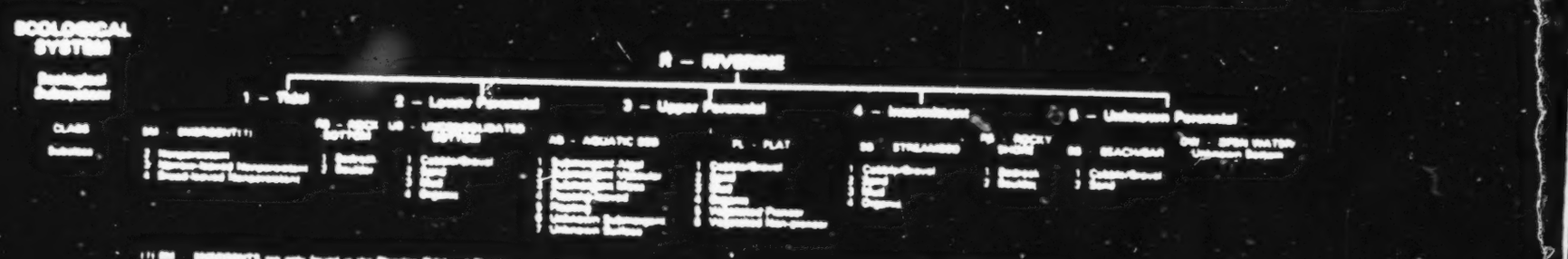

RESERVOIR
CREEK
MOSQUITO
CHAMPION OHIO

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or undetermined inclusions.







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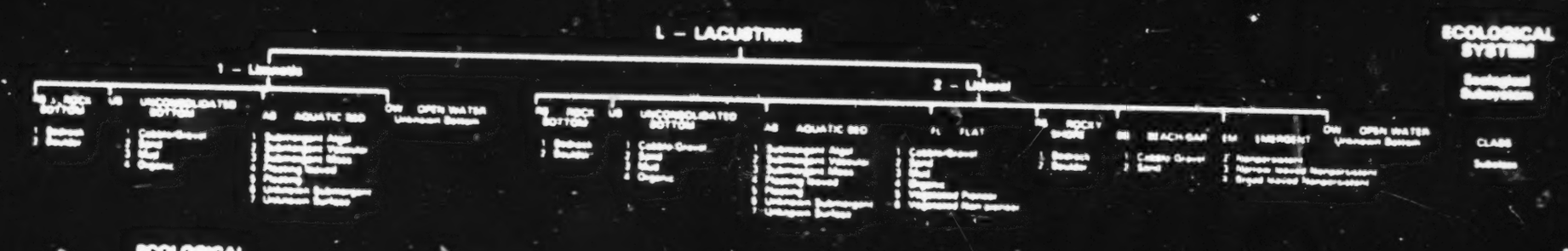

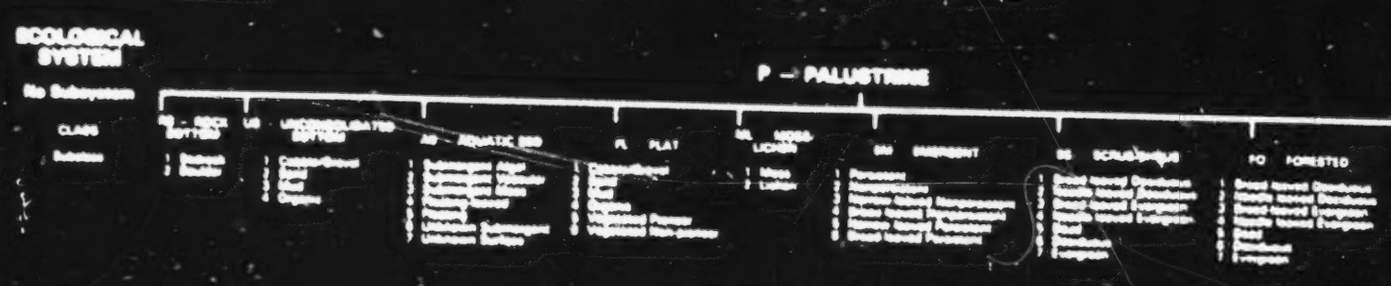

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WATER REGIME(1)								WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS			
Non-Tidal			Tidal					Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water						

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SYMBOLOGY EXAMPLE

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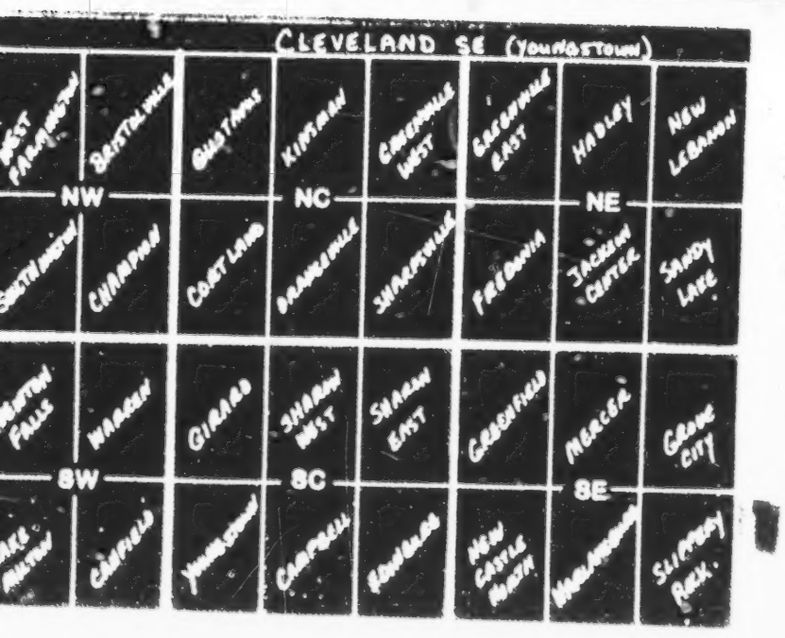
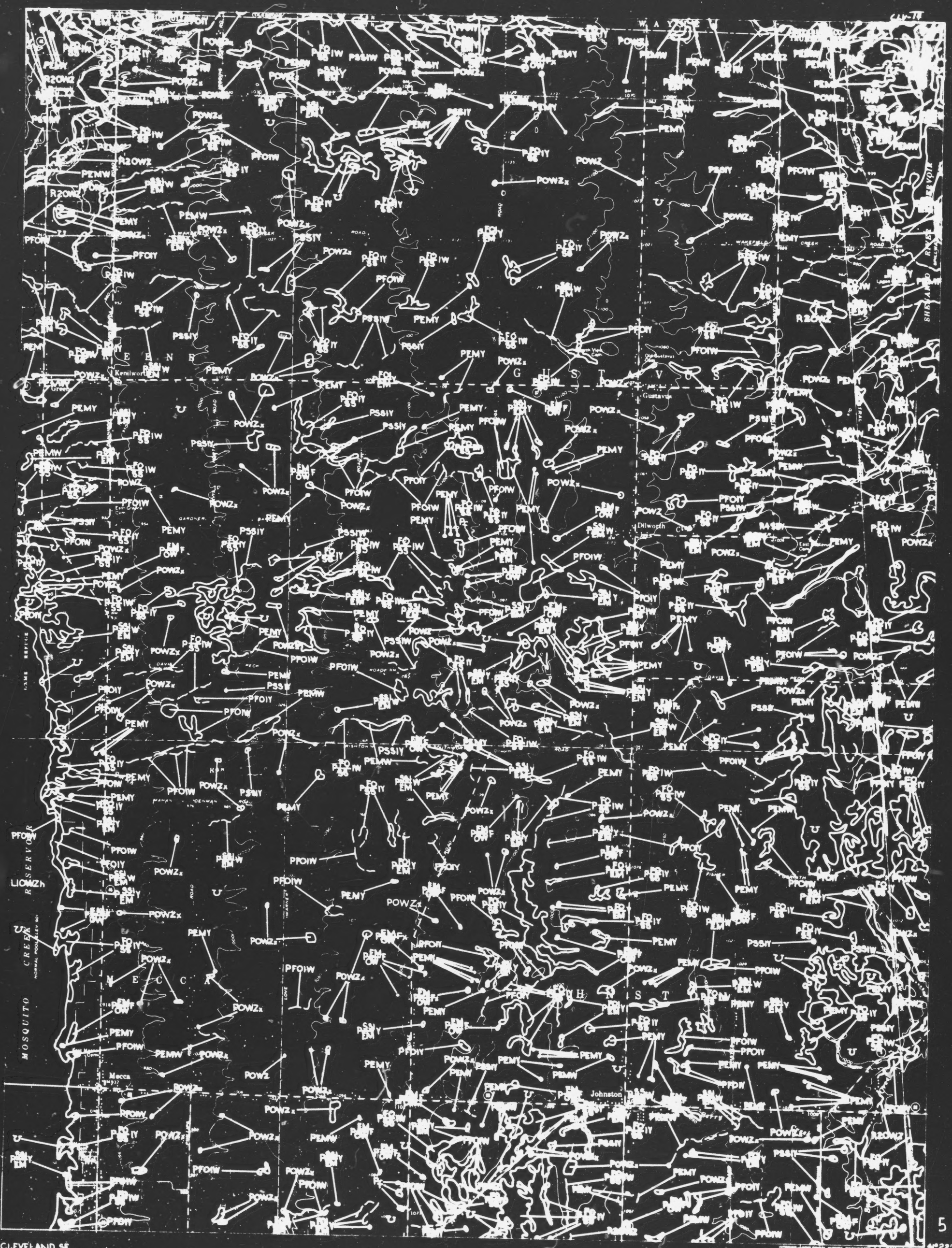


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



5

CLEVELAND SE
YOUNGSTOWN

SCALE 1:24000

A/P 4/77

41°22'30"
80°37'30"

GUSTAVUS, OHIO

WETLAND LEGEND

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M – MARINE

1 – Subtidal

2 – Intertidal

ECOLOGICAL SYSTEM

Ecological Subsystem

CLASS

Subclass

E – ESTUARINE

1 – Subtidal

2 – Intertidal

R – RIVERINE

1 – Tidal

2 – Lower Perennial

3 – Upper Perennial

4 – Intermittent

5 – Unknown Perennial

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L – LACUSTRINE

1 – Limnetic

2 – Littoral

P – PALUSTRINE

No Subsystems

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A Temporary	F Intermittently Exposed	K Artificial	P Permanently Flooded	T Semi-permanent Tidal						1 Hypersaline	5 Hypersaline	7 Acid		1 Organic	1 Beaver	6 Diked/Impounded
B Saturated	G Semipermanently Flooded	L Intermittently Exposed	R Seasonal Tidal	U Intermittent Tidal						2 Eusaline	6 Eusaline	8 Circumneutral		2 Mucky Mineral	2 Partly Drained/Ditched	7 Artificial
C Seasonal	H Permanently Flooded	M Semipermanently Flooded	S Temporary Tidal	Z Unknown						3 Oligohaline	7 Oligohaline	9 Alkaline		3 Peat or Muck	3 Farmed	8 Farmed
D Temporary Saturated	J Intermittently Exposed/Permanent	N Seasonal/Permanent								4 Mesohaline						
E Intermittently Exposed	U Unknown	P Permanently Flooded								5 Polyhaline						
		Z Unknown								6 Hyperhaline						

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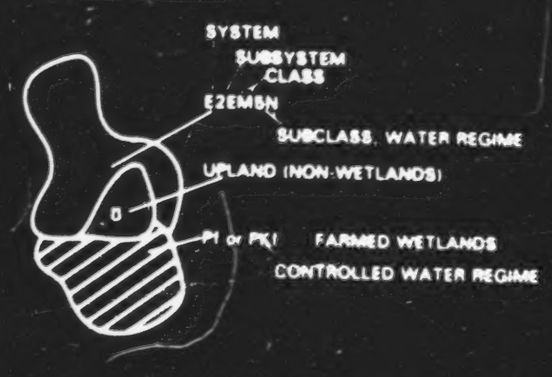

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CLEVELAND SE (YOUNGSTOWN)

WEST FARMINGTON	BRISTOLVILLE	GUSTAVUS	KINSMAN	GREENVILLE WEST	GREENVILLE EAST	HADLEY	NEW LEBANON
NW			NC			NE	
SMITHFIELD	CHAMPION	CORTLAND	BRANCHVILLE	SHARPSVILLE	FREDONIA	JACKSON CENTER	SANDY LAKE
HILLSTON FALLS	WARREN	GIRARD	SHARON WEST	SHARON EAST	GREENFIELD	MERCER	GROVE CITY
SW			SC			SE	
LAKE MILTON	CANFIELD	YOUNGSTOWN	CAMPBELL	BOARDMAN	NEW CASTLE NORTH	HILLSBOROUGH	SLIPPERY ROCK

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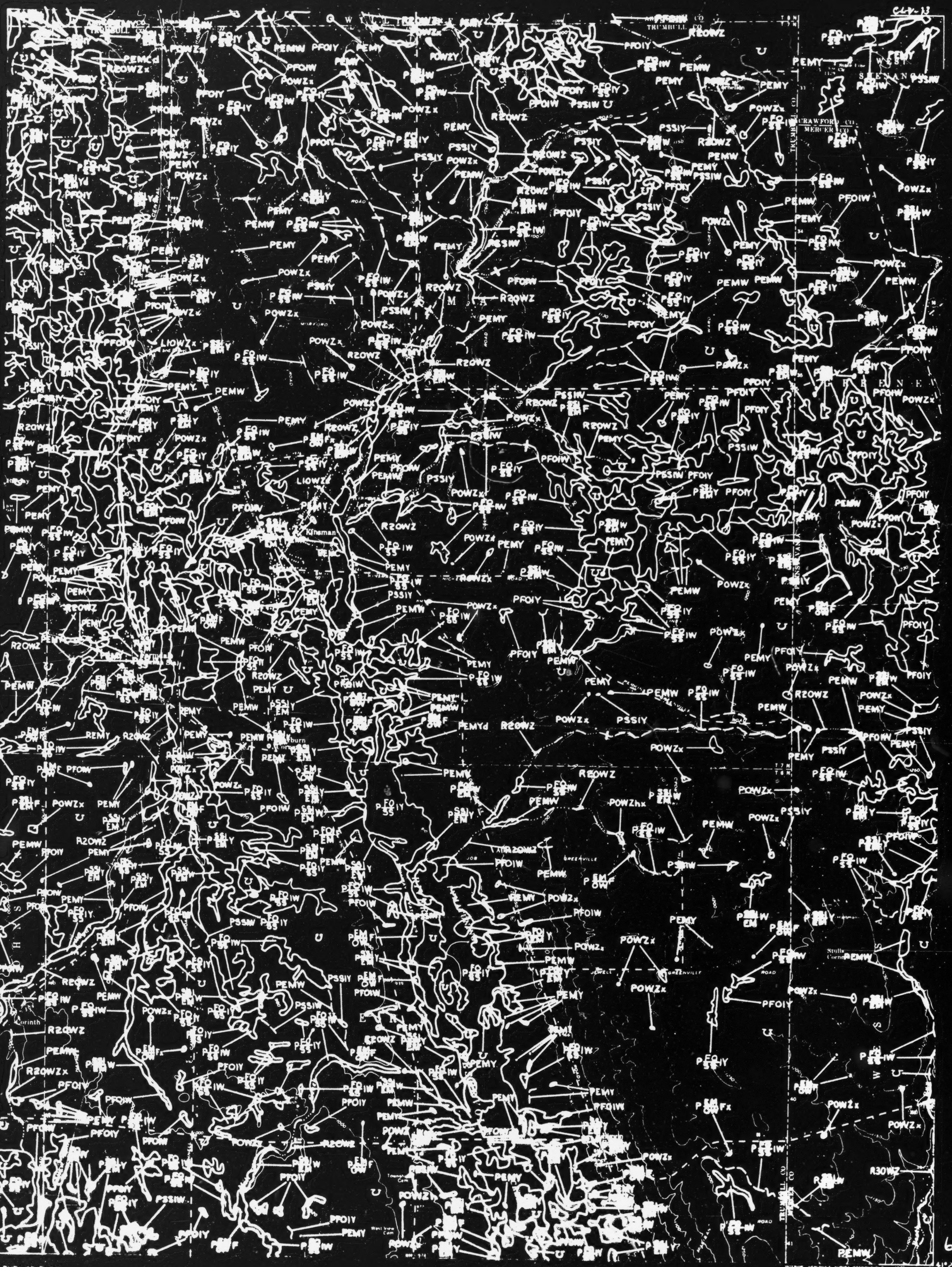
UNITED STATES DEPARTMENT OF THE INTERIOR



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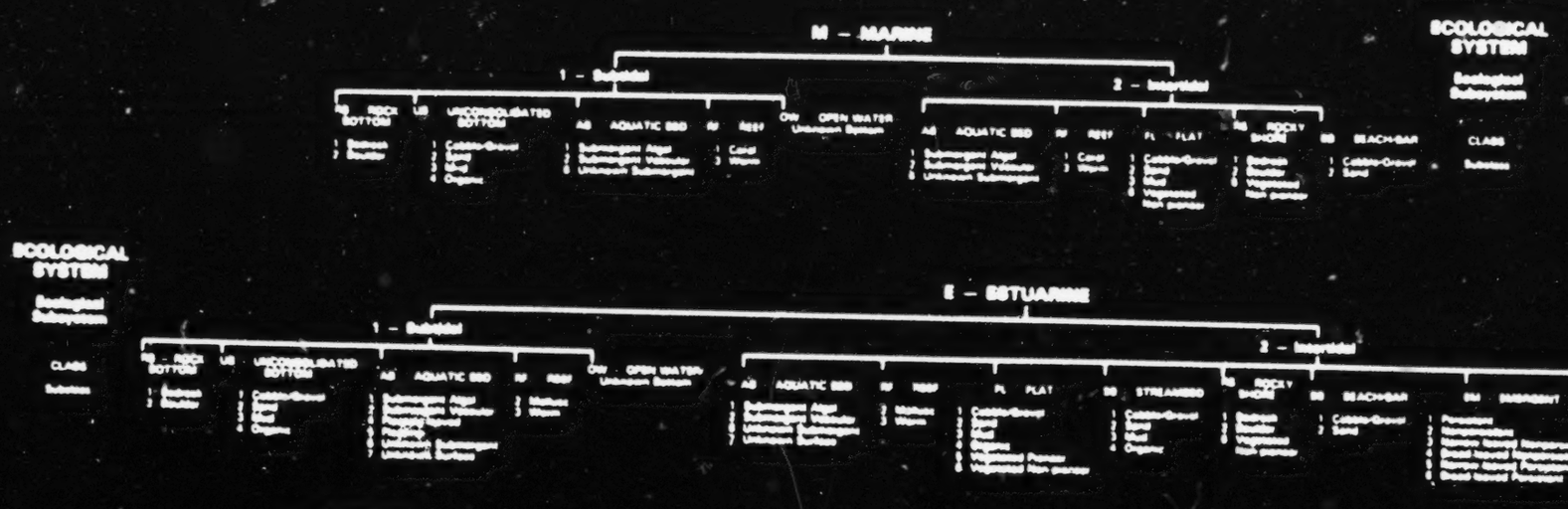

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WATER REGIME(1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary	R Semipermanent	1 Hypersaline	5 Hypersaline	7 Acid	1 Organic	h Beaver
B Saturated	S Intermittently Flooded	2 Eusaline	6 Eusaline	8 Circumneutral	2 Mineral	n Partially Drained/Ditched
C Seasonal	T Artificial	3 Mixosaline	7 Mixosaline	9 Alkaline		r Farmed
D Temporary Saturated	V Intermittently Exposed	4 Polysaline	8 Fresh			s Diked/Impounded
E Seasonal Saturated	W Permanently Flooded	5 Hyposaline				t Artificial
F Semipermanent	X Intermittently Flooded/Temporary	6 Fresh				v Excavated
G Intermittently Exposed	Y Permanently Flooded/Impounded					
H Permanently Flooded	Z Intermittently Exposed/Permanent					
J Intermittently Flooded	U Unknown					
K Artificial						
Z Inundated						

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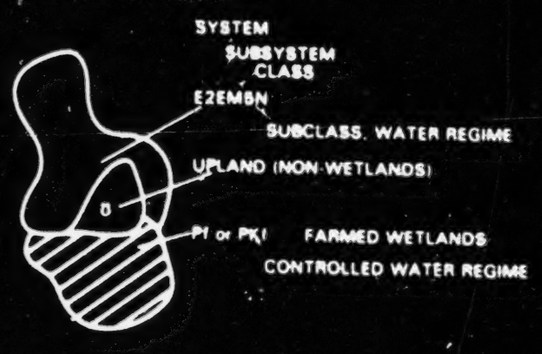

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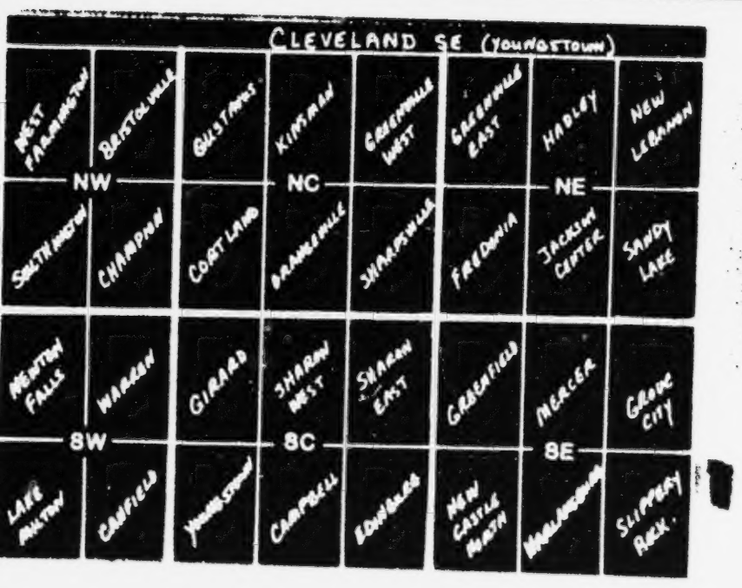

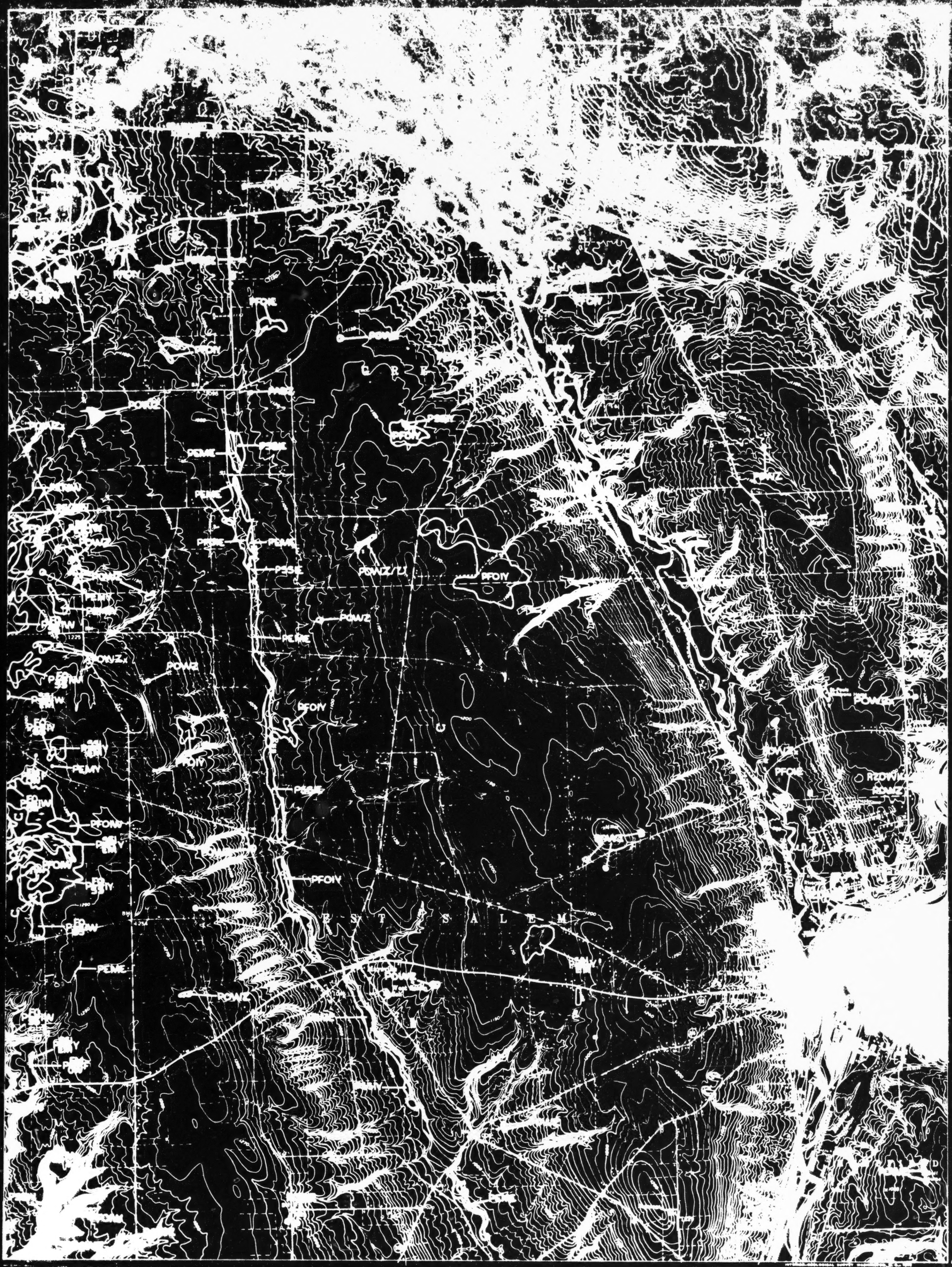
PEME
PEMW
PSSE
POWZ/LI
PFOIV
POWZ
PFOIW
PEMV
PEMW
PFOIW
PEMW
PEMW
PEM

WETLAND LEGEND

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M – MARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Unknown Submergent
RF REEF: Coral
OW OPEN WATER: Unknown Bottom

2 – Intertidal

AB AQUATIC BED: Submergent Algal; Submergent Vascular; Unknown Submergent
RF REEF: Coral; Worm
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Non-persist
RS ROCKY SHORE: Bedrock; Boulder; Vegetated Non-persist
BB BEACH-BAR: Cobble-Gravel; Sand

E – ESTUARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating-leaved; Floating Algal; Unknown Submergent; Unknown Surface
RF REEF: Mollusk; Worm

2 – Intertidal

AB AQUATIC BED: Submergent Algal; Submergent Vascular; Unknown Submergent; Unknown Surface
RF REEF: Mollusk; Worm
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-persist
SB STREAMBED: Cobble-Gravel; Sand; Organic
RS ROCKY SHORE: Bedrock; Boulder; Vegetated Non-persist
BB BEACH-BAR: Cobble-Gravel; Sand
EM EMERGENT: Persistent; Non-persistent; Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Dead; Broad-leaved Persistent
SS SCRUB-SHRUB: Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Dead; Broad-leaved Persistent
FO FORESTED: Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Dead; Broad-leaved Persistent

R – RIVERINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Tidal
2 – Lower Perennial
3 – Upper Perennial
4 – Intermittent
5 – Unknown Perennial

EM EMERGENT(1): Persistent; Broad-leaved Deciduous; Broad-leaved Evergreen
RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating-leaved; Floating Algal; Unknown Submergent; Unknown Surface
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-persist
SB STREAMBED: Cobble-Gravel; Sand; Organic
RS ROCKY SHORE: Bedrock; Boulder
BB BEACH-BAR: Cobble-Gravel; Sand
OW OPEN WATER: Unknown Bottom

(1)EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems

L – LACUSTRINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Limnetic

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating-leaved; Floating Algal; Unknown Submergent; Unknown Surface
OW OPEN WATER: Unknown Bottom

2 – Littoral

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating-leaved; Floating Algal; Unknown Submergent; Unknown Surface
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-persist
RS ROCKY SHORE: Bedrock; Boulder
BB BEACH-BAR: Cobble-Gravel; Sand
EM EMERGENT: Persistent; Non-persistent; Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Dead
OW OPEN WATER: Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM
No Subsystem
CLASS
Subclass

RB ROCK BOTTOM: Bedrock; Boulder
UB UNCONSOLIDATED BOTTOM: Cobble-Gravel; Sand; Mud; Organic
AB AQUATIC BED: Submergent Algal; Submergent Vascular; Floating-leaved; Floating Algal; Unknown Submergent; Unknown Surface
FL FLAT: Cobble-Gravel; Sand; Mud; Organic; Vegetated Pioneer; Vegetated Non-persist
MS MOSS-LICHEN: Moss; Lichen
EM EMERGENT: Persistent; Non-persistent; Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Broad-leaved Persistent
SS SCRUB-SHRUB: Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Dead; Deciduous; Evergreen
FO FORESTED: Broad-leaved Deciduous; Broad-leaved Evergreen; Needle-leaved Deciduous; Needle-leaved Evergreen; Dead; Deciduous; Evergreen
OW OPEN WATER: Unknown Bottom

MODIFYING TERMS

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WATER REGIME(1)

Non-Tidal

A Temporary: Nontidal
B Saturated: Nontidal
C Seasonal: Nontidal
D Seasonal Well-drained: Nontidal
E Seasonal Saturated: Nontidal
F Semipermanent: Nontidal
G Intermittently Exposed: Permanent; Artificial; Intermittently Flooded; Intermittently Flooded/Temporary; Intermittently Flooded/Semipermanent; Intermittently Flooded/Seasonal; Intermittently Flooded/Permanent; Artificial

Tidal

H Permanent: Tidal
J Semipermanent: Tidal
K Artificial: Tidal
L Intermittently Exposed: Tidal
M Regularly: Tidal
N Irregularly: Tidal
P Irregularly Flooded: Tidal
U Unknown: Tidal

WATER CHEMISTRY

Coastal Salinity

1 Hyperhaline
2 Euhaline
3 Mixohaline (Brackish)
4 Polyhaline
5 Mesohaline
6 Oligohaline
0 Fresh

Inland Salinity

A Hyperhaline
B Euhaline
C Mixohaline
D Fresh

pH Modifiers for all Fresh Water

a Acid
b Circumneutral
c Alkaline

SOIL

1 Organic
2 Mineral

SPECIAL MODIFIERS

b Beaver
h Partially Drained/Ditched
f Farmed
d Diked/Impounded
r Artificial
s Spoil
x Excavated

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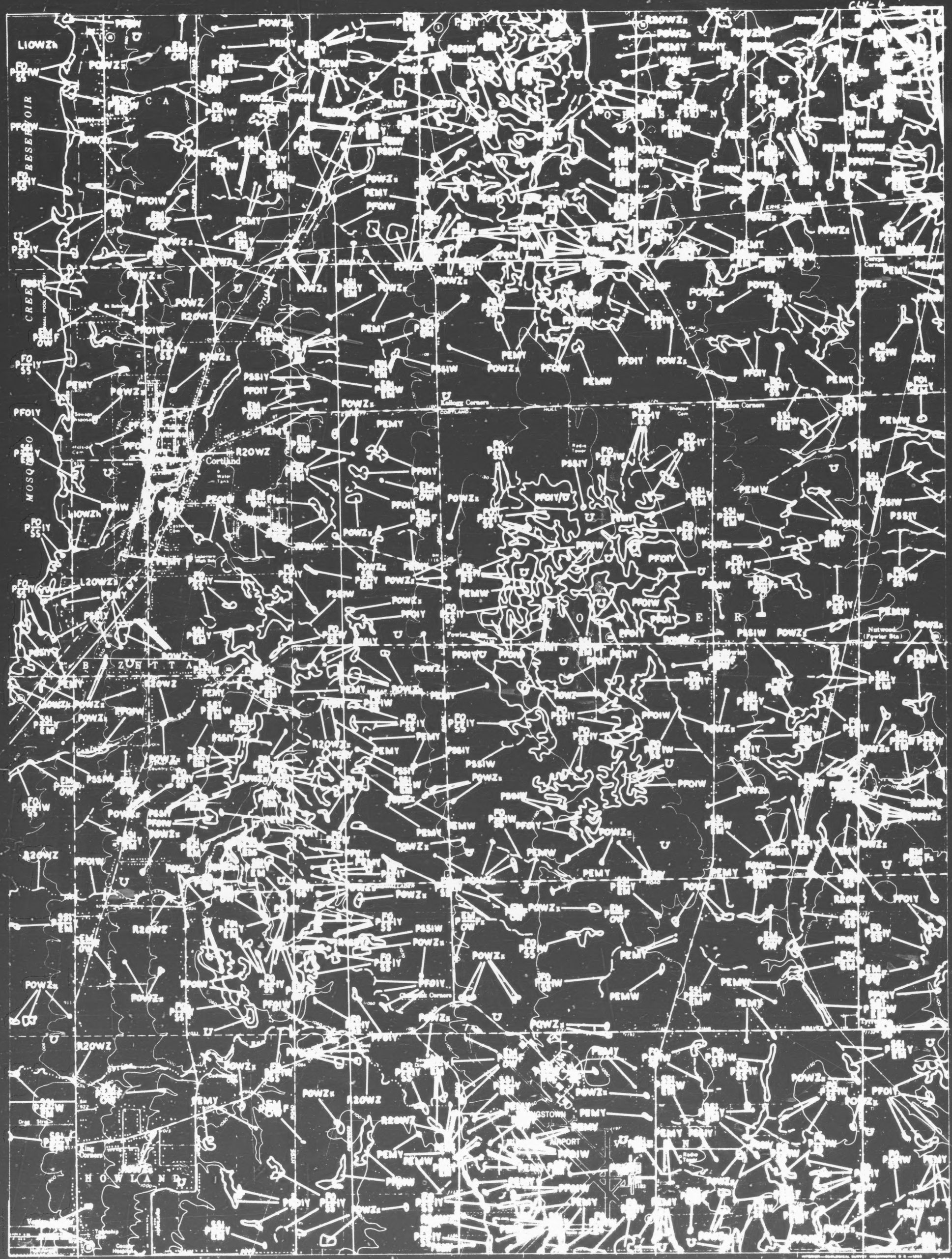
CLEVELAND SE (YOUNGSTOWN)

WEST FARMINGTON	BRISTOLVILLE	BALTIMORE	KINSMAN	GREENVILLE WEST	GREENVILLE EAST	HADLEY	NEW LEBANON
NW			NC			NE	
SOUTHFORK	CHARDON	CORTLAND	RANSOMVILLE	SHARPSVILLE	FREDONIA	JACKSON CENTER	SANDY LAKE
NEWTON FALLS	WARREN	GIRARD	SHARON WEST	SHARON EAST	GREENFIELD	INDECO	GRAND CITY
SW			SC			SE	
LAKE MILTON	CANFIELD	YOUNGSTOWN	CAMPBELL	EDINBURG	NEW CASTLE NORTH	WILMINGTON	SLIPPERY ROCK

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND SE
YOUNGSTOWN

CORTLAND, OHIO

A/P 4/77

SCALE 1:24 000

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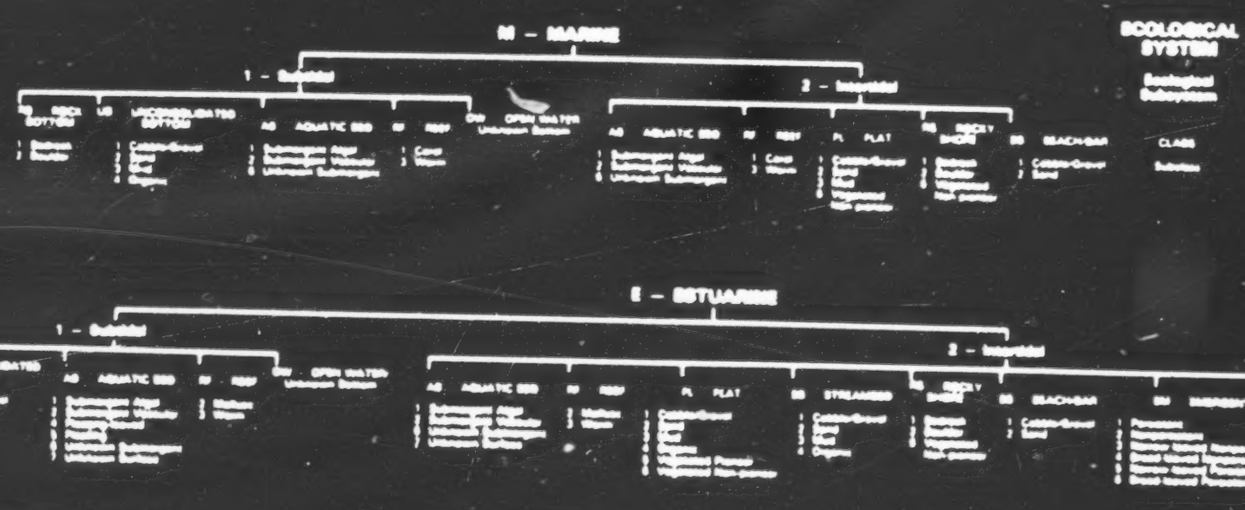

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WATER REGIME(1)						WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS	
Non-Tidal		Tidal				Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
Permanently Flooded	Intermittently Exposed	Permanently Flooded	Irregularly Exposed	Regularly Flooded	Irregularly Flooded	Hypersaline	Saline	Alkaline	Organic	Beaver	Diked/Impounded
Intermittently Flooded	Artificially Flooded	Subtidal	Regularly Flooded			Eusaline	Fresh	Circumneutral	Mineral	Partially Drained/Ditched	Artificial
Saturated		Irregularly Exposed				Mixohaline (Brackish)		Acid		Farmed	Farmed
Seasonally Saturated						Polyhaline					

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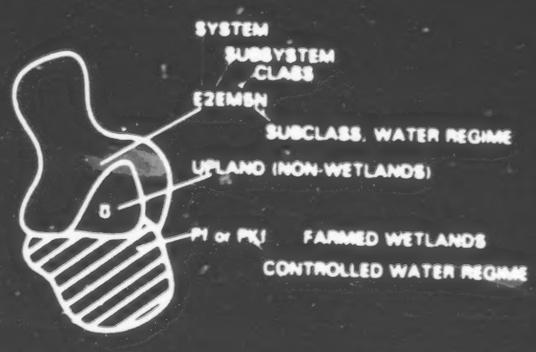

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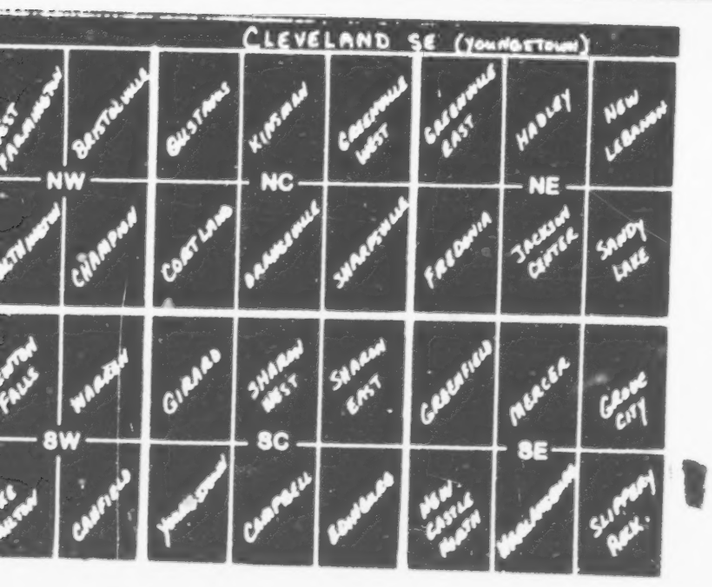

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NATIONAL WETLANDS INVENTORY

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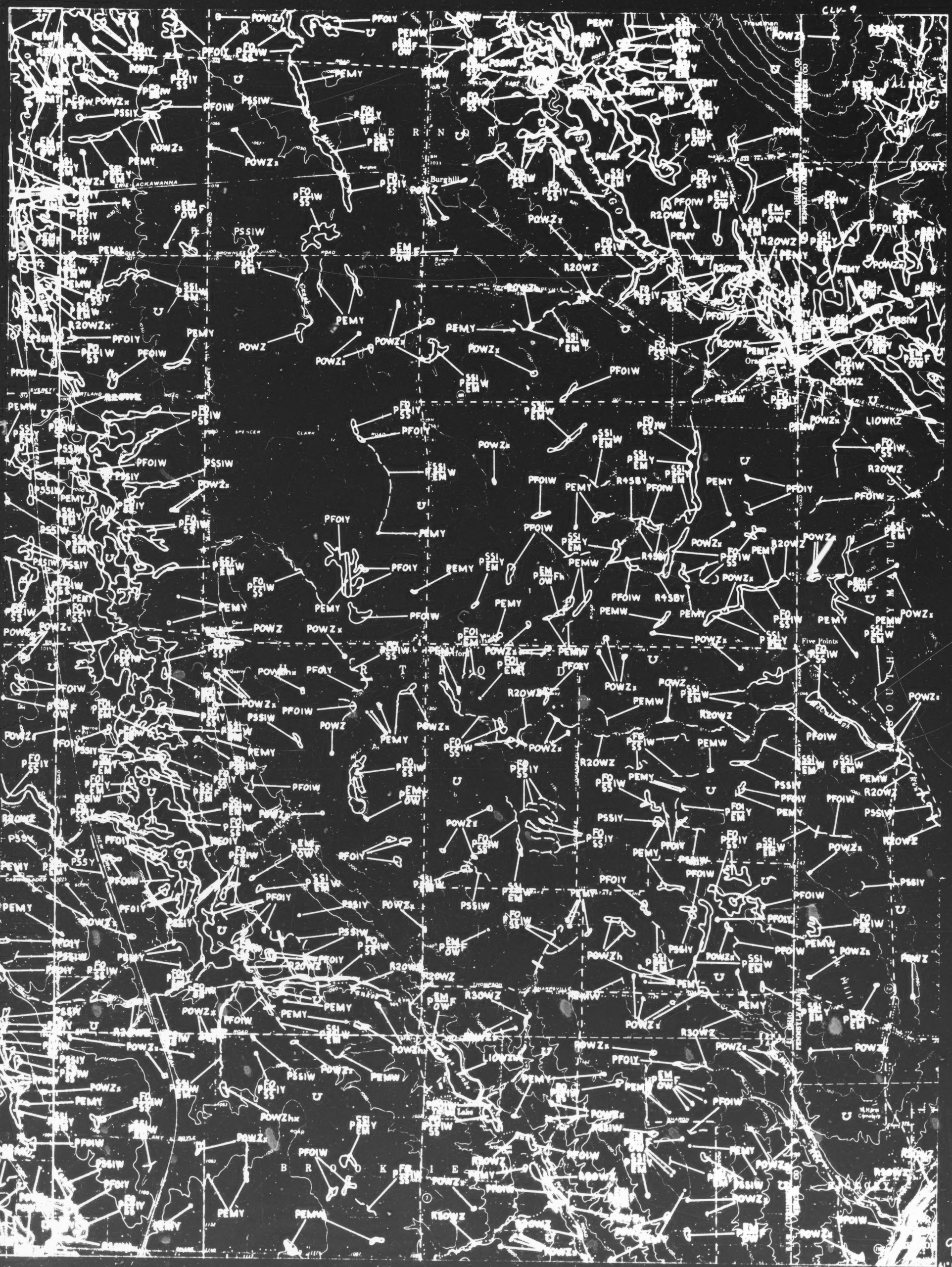
VERNON
Burghill
Five Points
Orangeville
Lake
PFO1Y
PEMY
PEMW
PEMF
PSSIW
POWZ
POWZx
R20WZ
R30WZ
R45BY
L10WKZ
PFO1W
PSSIY
PEMA
PEMC
PEMB
PUBH
PUSC
PUSA
PUSCx
PABH
PABHx
PUBHx
PUSAx
PUSCh
POWZh
POWZhx
PFO1Yx
PFO1Wx
PEMYx
PEMWx
PEMFx
PSSIYx
PSSIWx
PEMYh
PEMWh
PEMFh
PSSIYh
PSSIWh
PFO1Yh
PFO1Wh
R20WZx
R30WZx
R45BYx
L10WKZx
L10WZh
L10WZ

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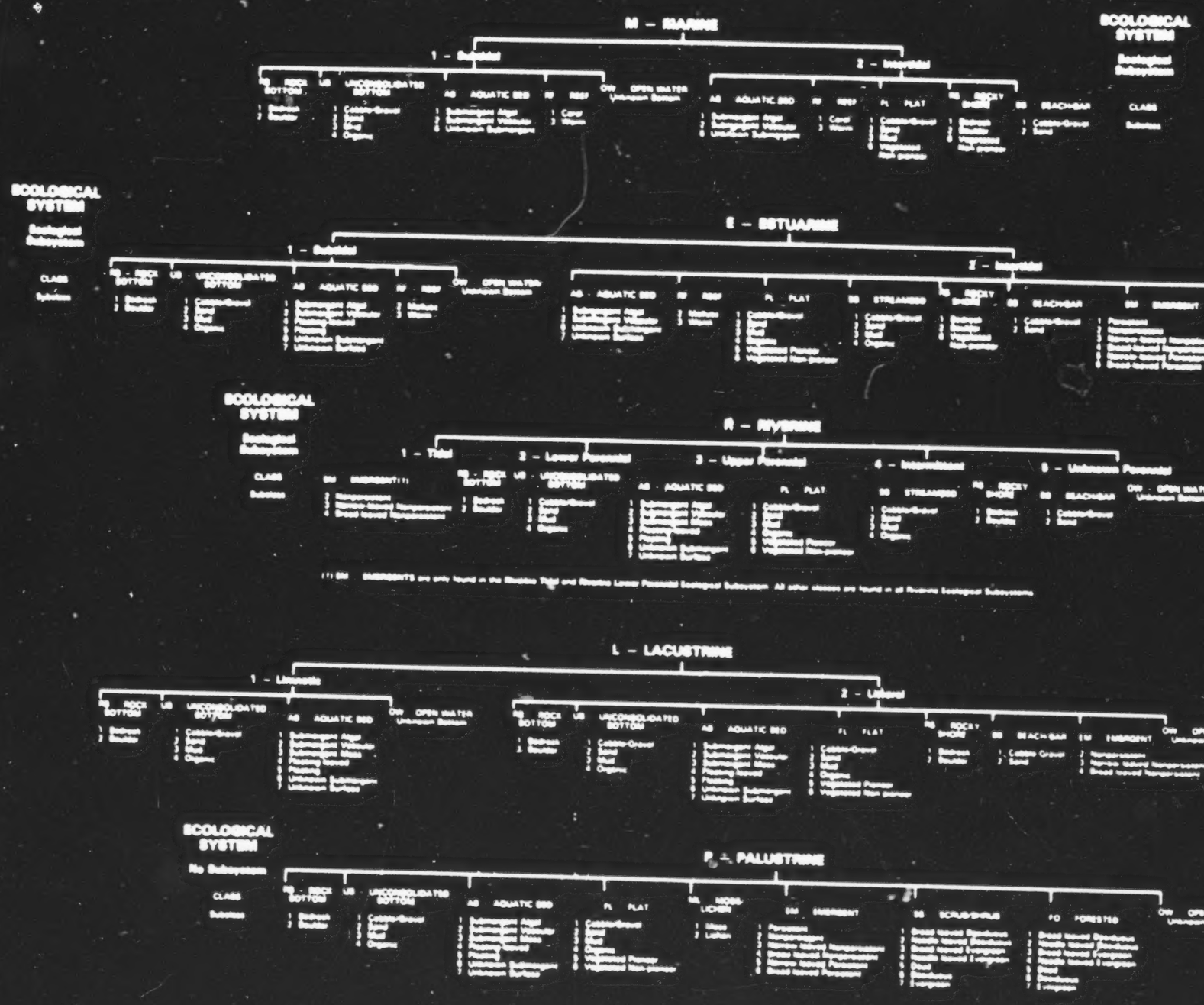

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Non-Tidal	Tidal	Coastal Salinity	Inland Salinity		
Permanently Flooded	Permanently Flooded	Hyperhaline	Hypersaline	Organic	Beaver
Intermittently Exposed	Intermittently Exposed	Euhaline	Eusaline	Mineral	Partly Drained/Ditched
Semipermanently Flooded	Semipermanently Flooded	Mixohaline (Brackish)	Mixosaline		Farmed
Seasonally Flooded	Regularly Flooded	Polyhaline			Diked/Impounded
Saturated	Irregularly Flooded	Mesohaline			
Temporarily Flooded	Saturated	Oligohaline			
Intermittently Flooded	Artificially Flooded	Fresh			
Artificially Flooded					

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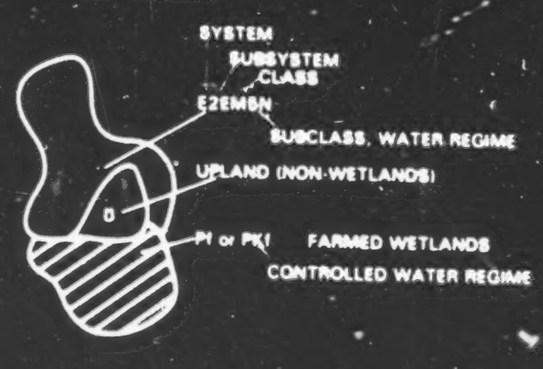

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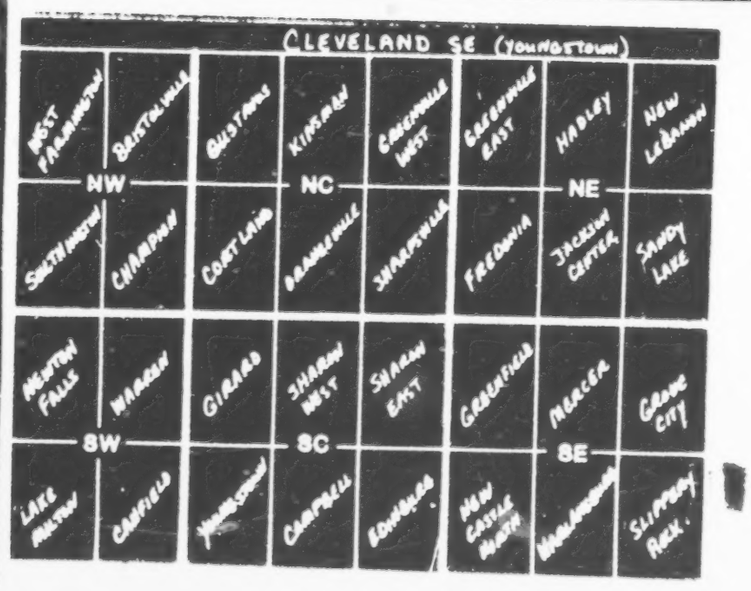

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NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

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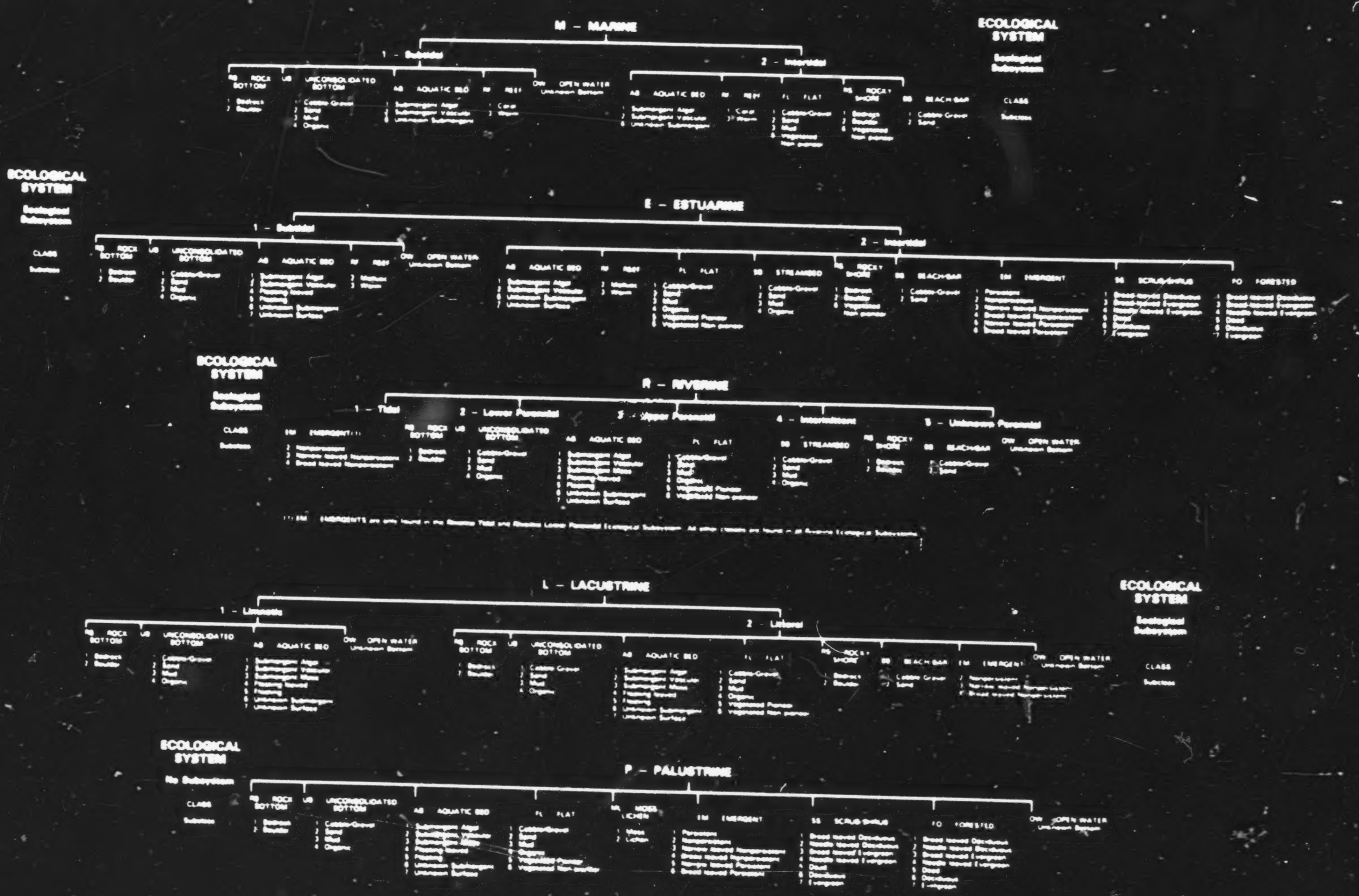

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WATER REGIME(1) Non-Tidal		Tidal		WATER CHEMISTRY Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS	
A Temporary	H Permanent	K Artificial	R Seasonal Tidal	1 Hyperhaline	7 Hypersaline	a Acid	g Organic	b Beaver	h Diked/Impounded
B Saturated	J Intermittently Flooded	L Subtidal	S Temporary Tidal	2 Euhaline	8 Eusaline	t Circumneutral	n Mineral	d Partially Drained/Ditched	r Artificial
C Seasonal	K Artificial	M Irregularly Exposed	T Semipermanent Tidal	3 Mixohaline (Brackish)	9 Mixosaline	i Alkaline		f Farmed	s Spoil
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	N Regular	V Permanent Tidal	4 Polyhaline	0 Fresh				x Excavated
E Seasonal Saturated	W Intermittently Flooded/Temporary	P Irregular	U Unknown	5 Mesohaline					
F Semipermanent	Y Saturated/Semipermanent/Seasonal			6 Oligohaline					
G Intermittently Exposed	U Unknown			0 Fresh					

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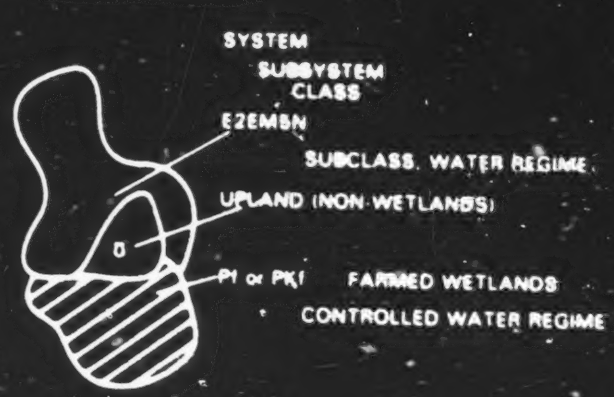

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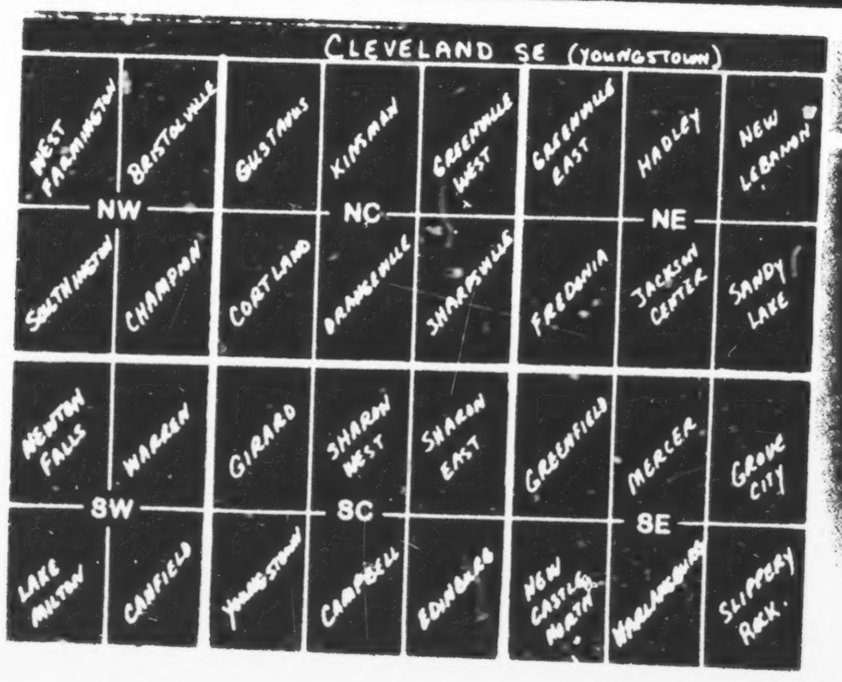

PFOIV
POWZ
PEMSV
PFOIM
PFOIV
POWZ
PFOIV
PSSIV
POWZ
PFOIV
POWZ
R2OWH
PFOIV
POWZ
PFOIV
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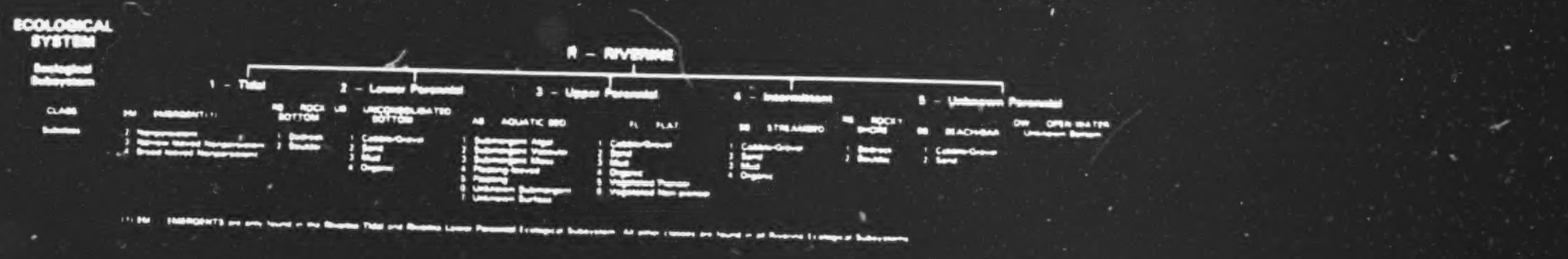

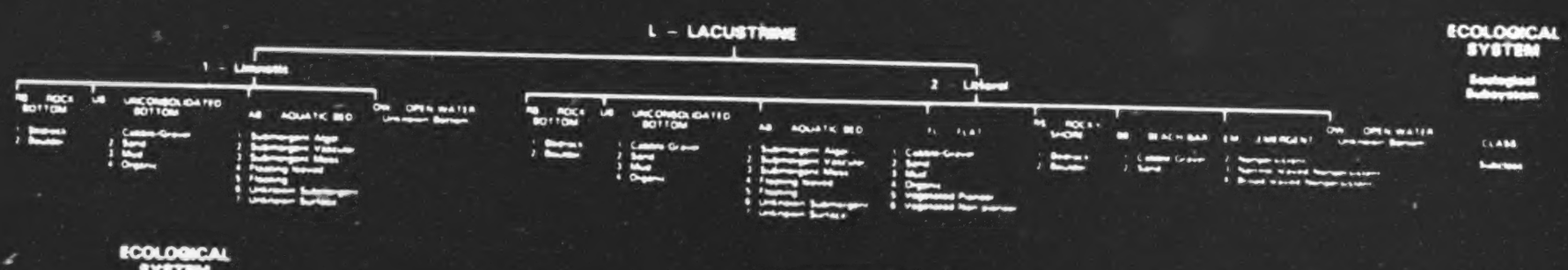

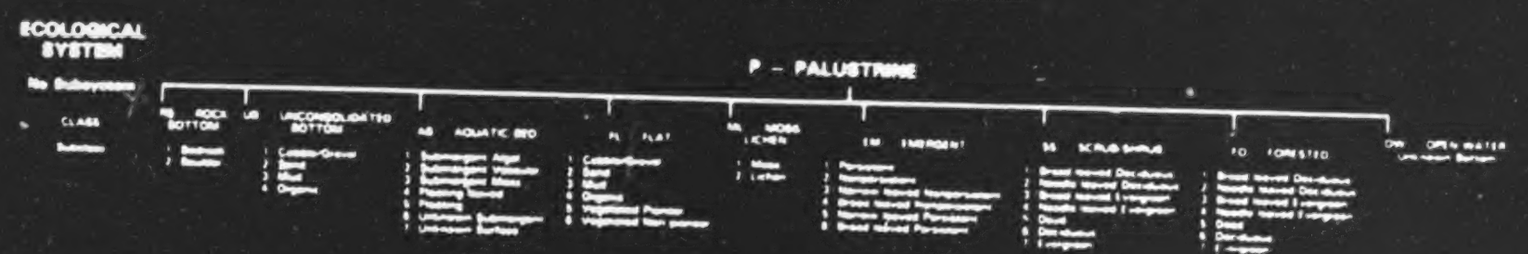

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WATER REGIME(1)		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	General Salinity	Inland Salinity		
A Temporary B Saturated C Seasonal D Seasonal Well-drained E Seasonal Saturated F Semipermanent G Intermittently Exposed	H Permanent J Intermittently Flooded K Artificial L Intermittently Exposed/Permanent M Deepwater Tidal N Deepwater/Permanent P Permanent/Artificial	0 Hypersaline 1 Eusaline 2 Mixosaline (Brackish) 3 Polysaline 4 Fresh 5 Hyposaline	pH Modifiers for all Fresh Water 6 Alkaline 7 Circumneutral 8 Acid	1 Organic 2 Mineral	1 Beaver 2 Partly Drained/Ditched 3 Diked/Impounded 4 Artificial 5 Farmed

(1) Information on the water regime modifiers found on the legend, but not found in the classification system, may be obtained from the above listed source.

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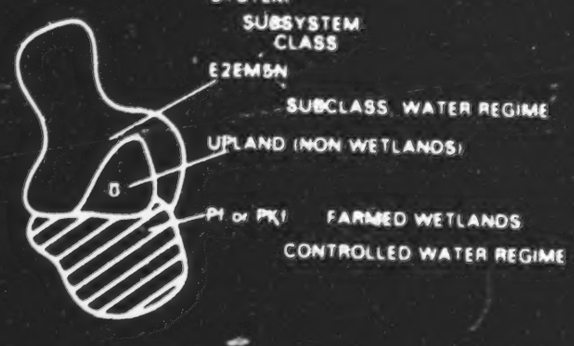

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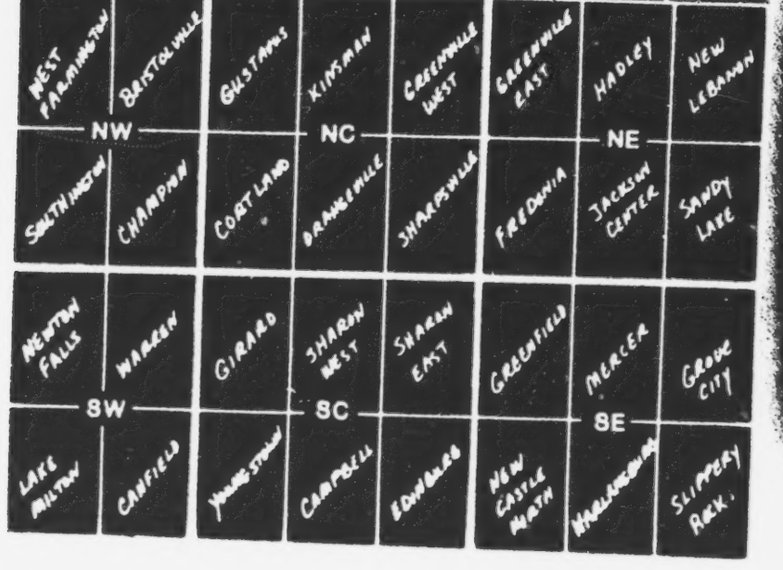

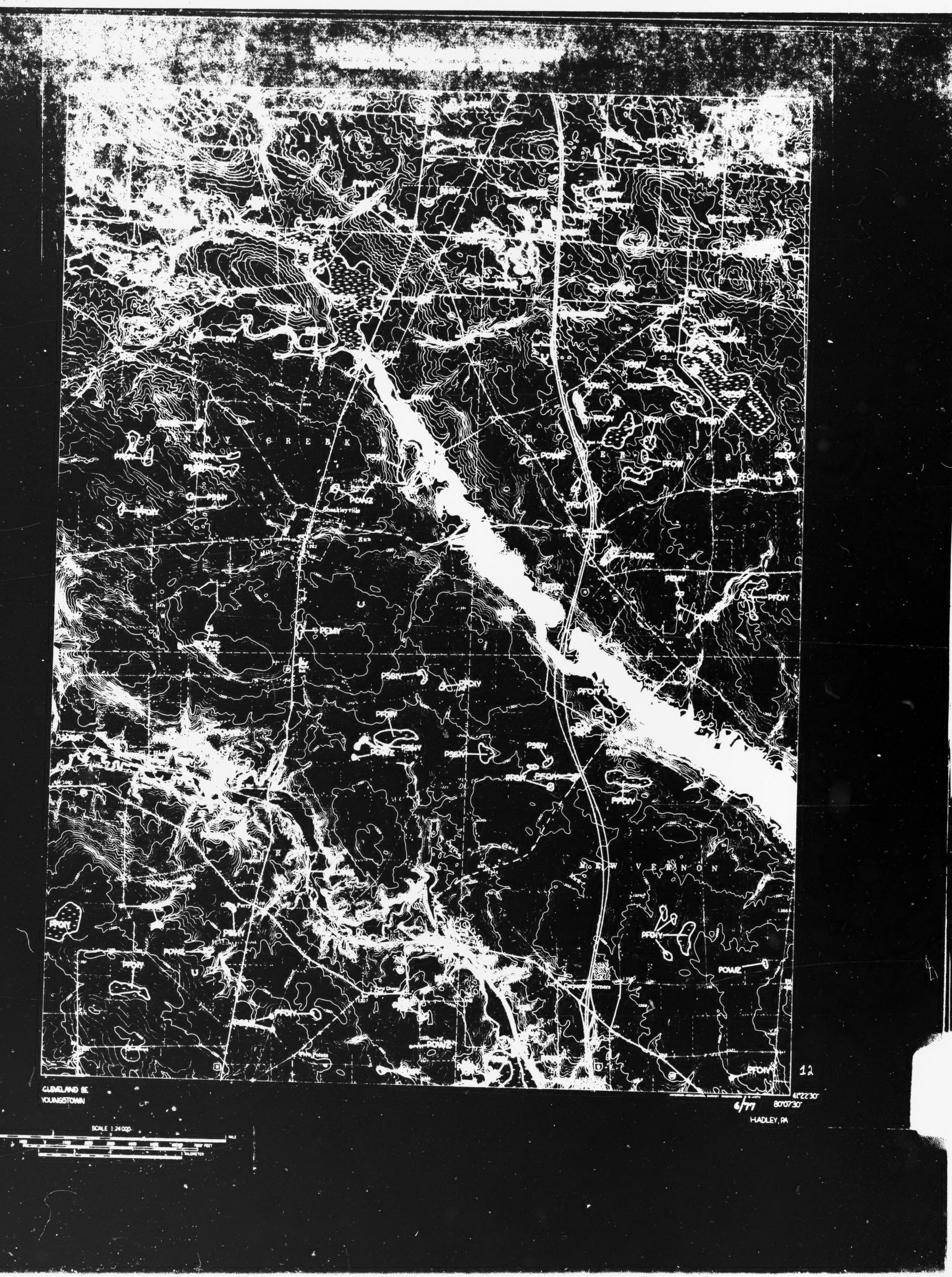
SANDY CREEK
Sheakleyville
Run
Clark
NEW VERNON
Corners
POWZ
PEOIV
PSSIV
PSSIN
PEOIN
PEMIV
PFOIV
PFOIN
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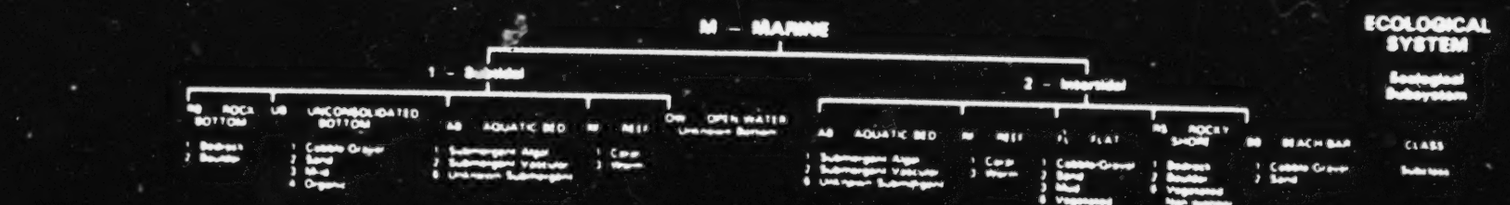
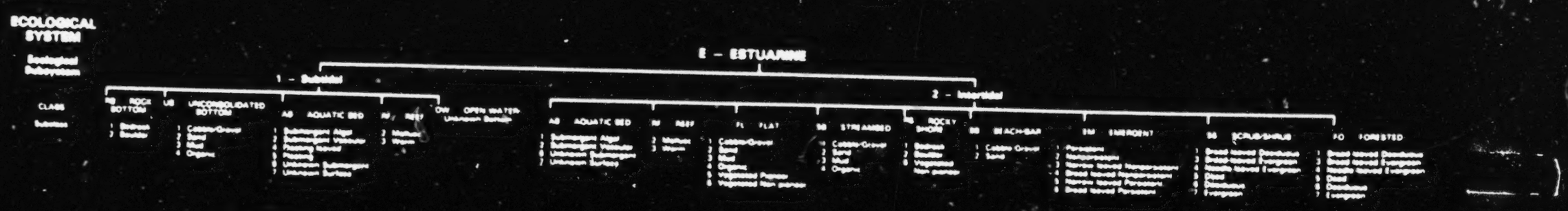
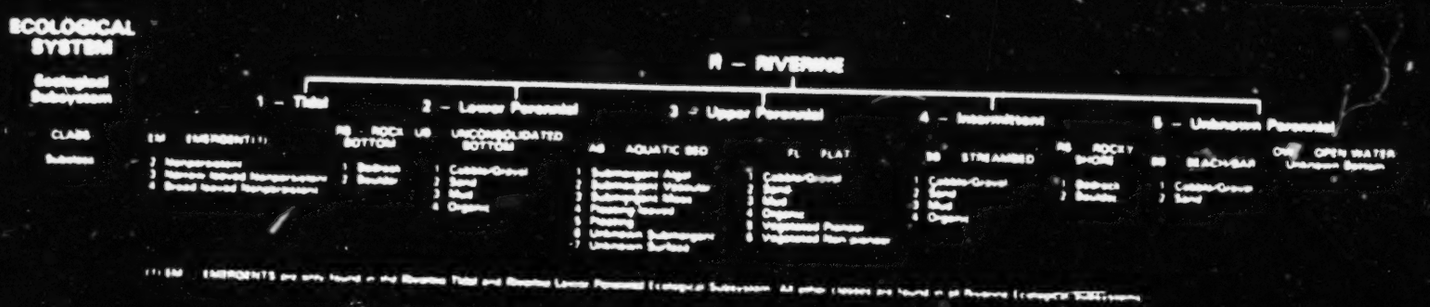
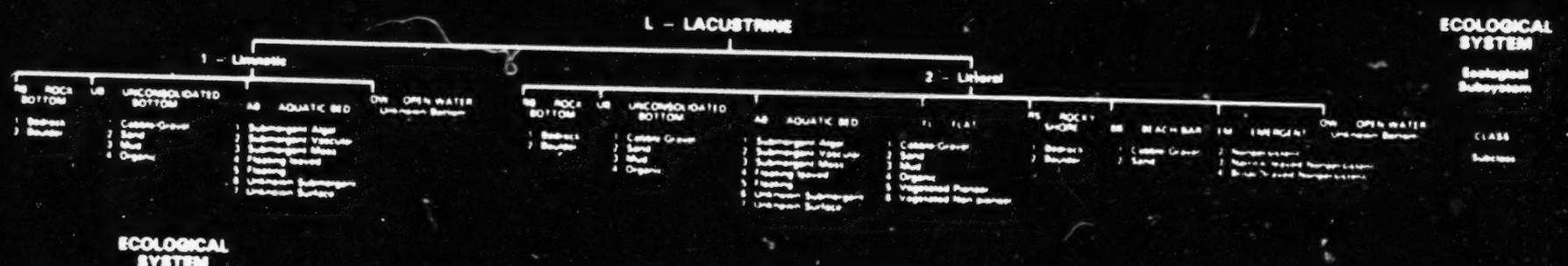
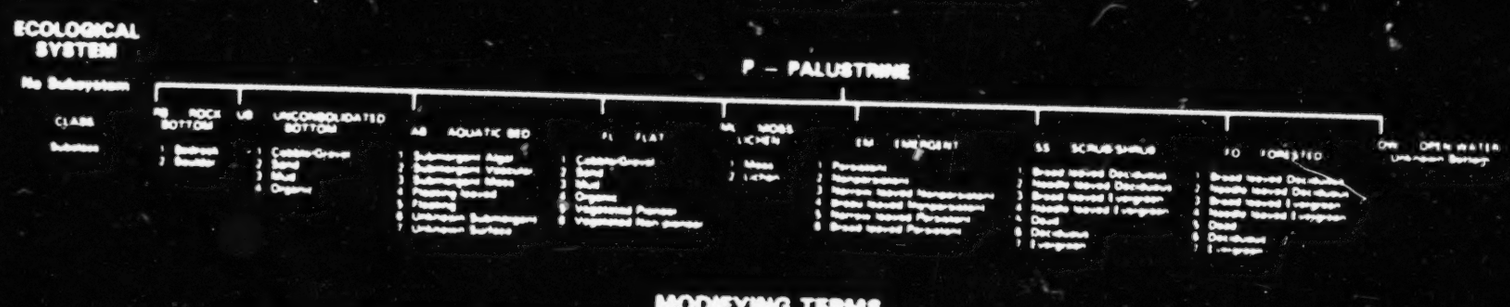






(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.





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Non-Tidal			Tidal			Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary	F Permanent		J Artificial		R Seasonal Tidal	1 Hyperhaline	1 Hypersaline	6 Acid	S Organic	1 Beaver
B Saturated	G Intermittently Flooded		K Artificially Flooded		S Temporary Tidal	2 Eusaline	2 Eusaline	7 Circumneutral	M Mineral	2 Partly Drained/Ditched
C Seasonal	H Artificial		L Subtidal		T Semipermanent Tidal	3 Mixohaline (Brackish)	3 Mesohaline	8 Alkaline		3 Farmed
D Intermittently Exposed	J Artificial Permanent		M Irregularly Exposed		U Permanent Tidal	4 Polyhaline	4 Oligohaline			4 Diked/Impounded
E Permanently Flooded	K Artificially Flooded		N Regularly Flooded		V Intermittent Tidal	5 Fresh	5 Fresh			5 Artificial
F Intermittently Exposed	U Unknown		P Irregular		W Artificial					6 Spoil
G Artificially Flooded					U Unknown					7 Excavated

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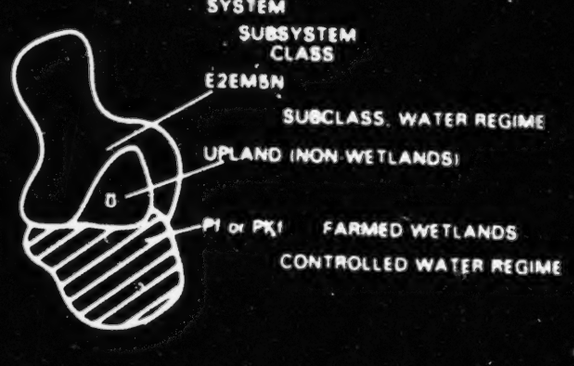

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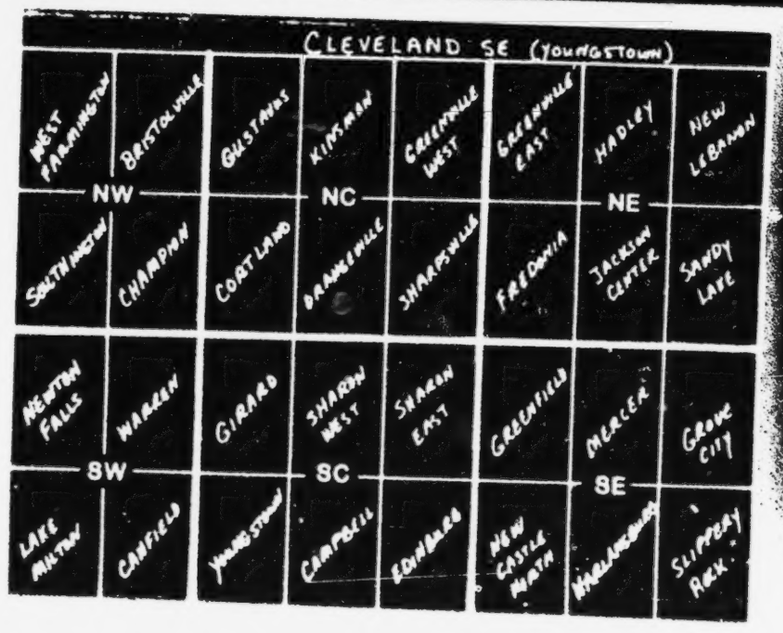
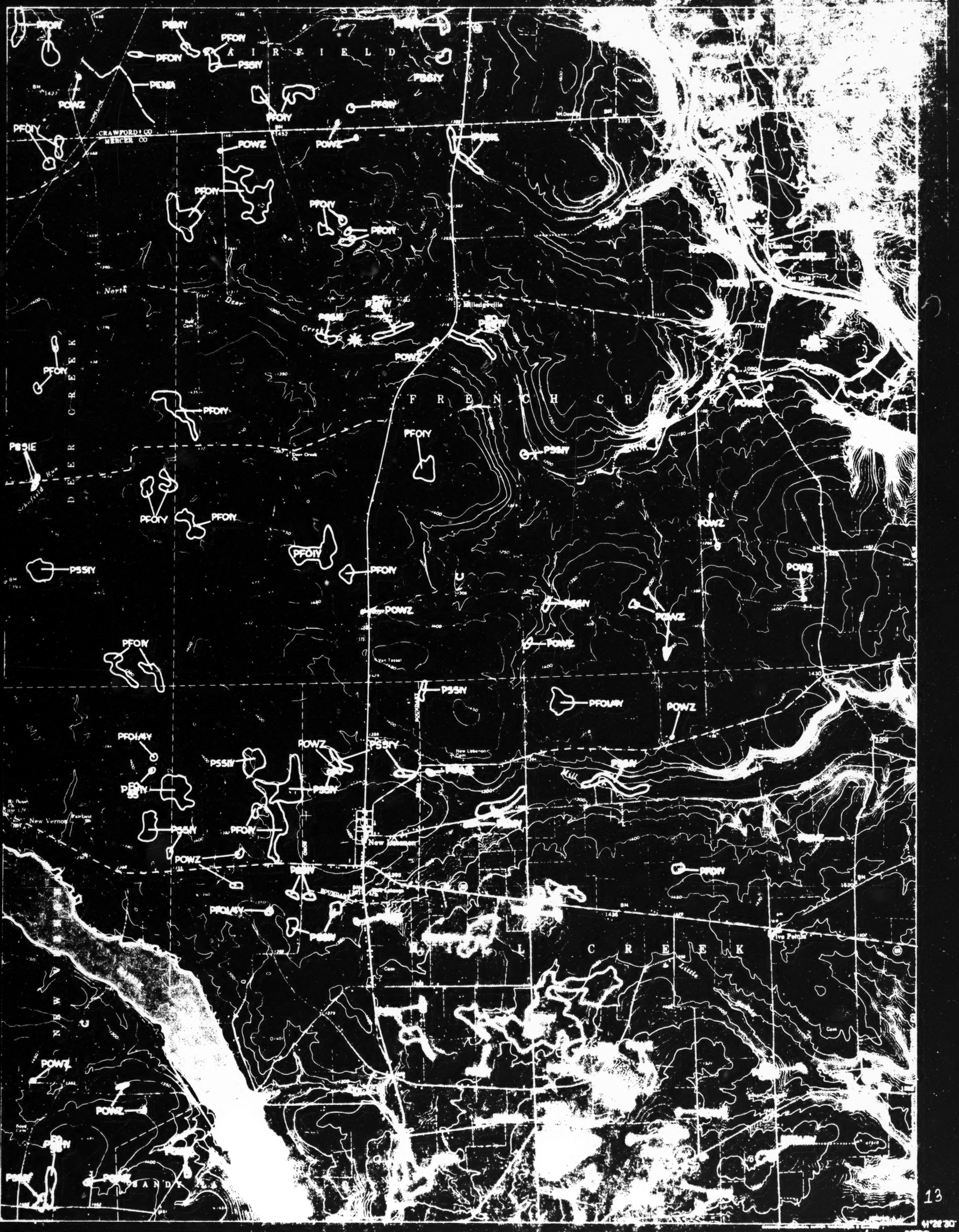


NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR



13

CLEVELAND SE
YOUNGSTOWN

NEW LEBANON, PA

SCALE 1:24 000

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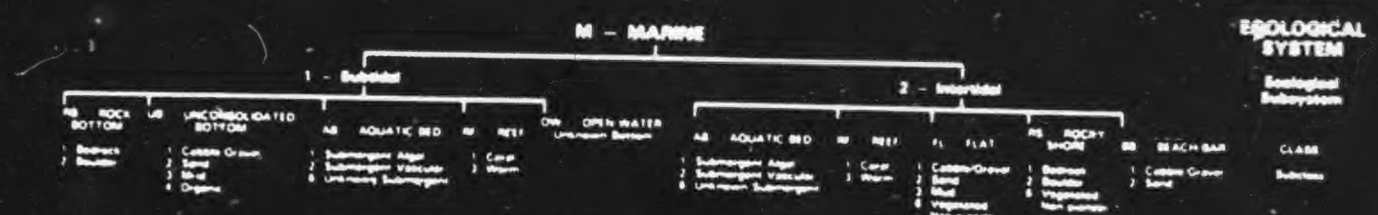

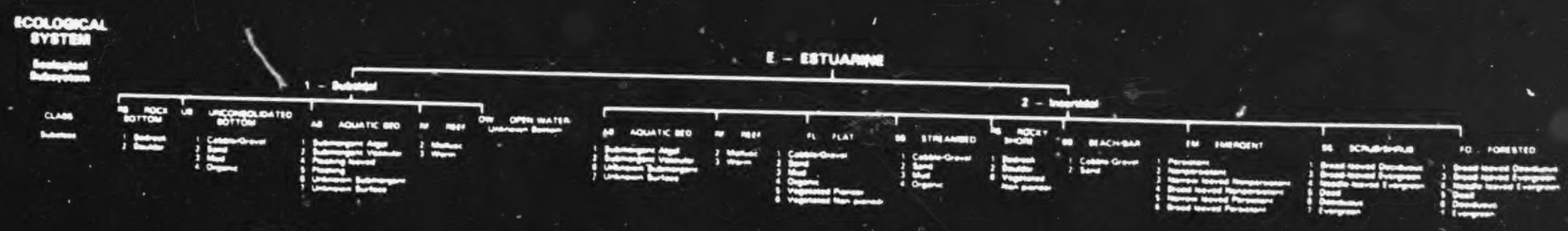

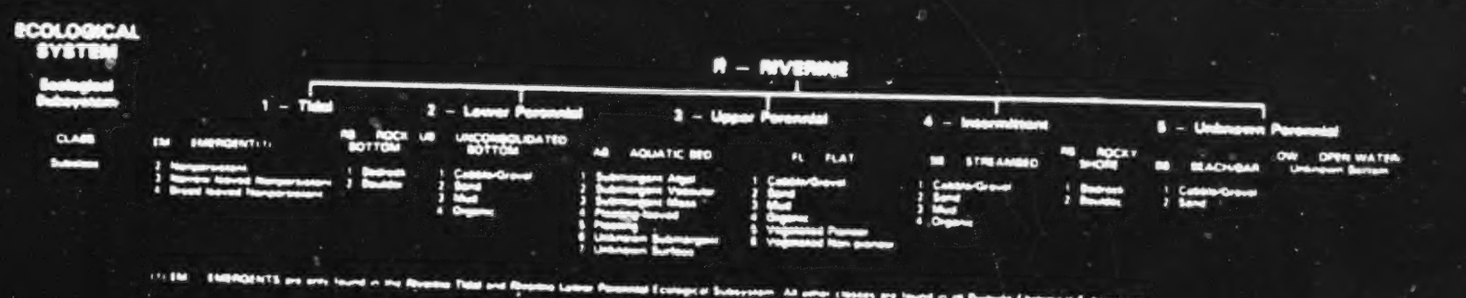

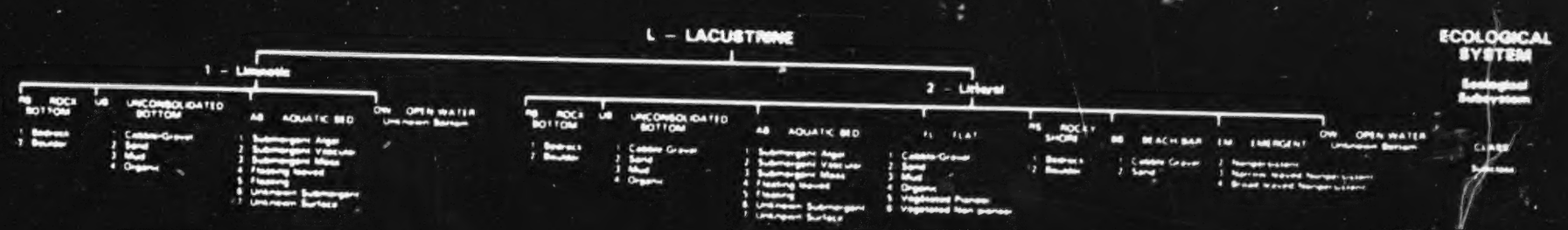

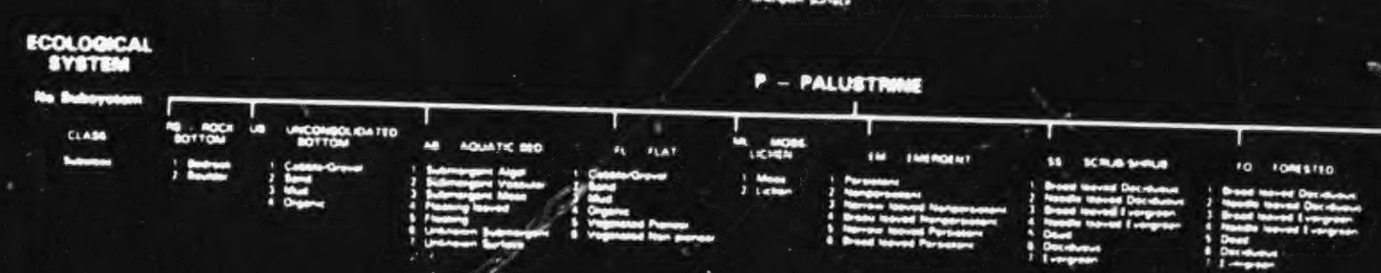

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Non-Tidal			Tidal					Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary	F Semipermanent	K Artificial	S Regularly Flooded	V Permanently Flooded				1 Hypersaline	6 Hypersaline	8 Acid		b Beaver
B Saturated	G Intermittently Exposed	P Permanent	T Irregularly Flooded	X Excavated				2 Eusaline	7 Eusaline	9 Circumneutral		d Partially Drained/Ditched
C Seasonal	H Permanent	R Semipermanent	U Intermittently Flooded	Y Diked/Impounded				3 Mixohaline (Brackish)	0 Mixosaline	A Alkaline		f Farmed
D Temporary Flooded	J Intermittently Exposed		V Permanently Flooded	Z Intermittently Exposed				4 Polyhaline				h Diked/Impounded
E Seasonal Saturated			W Intermittently Exposed					5 Euhaline				r Artificial
			Y Artificially Flooded					0 Fresh				s Spoil
			Z Intermittently Exposed									x Excavated
			U Unknown									

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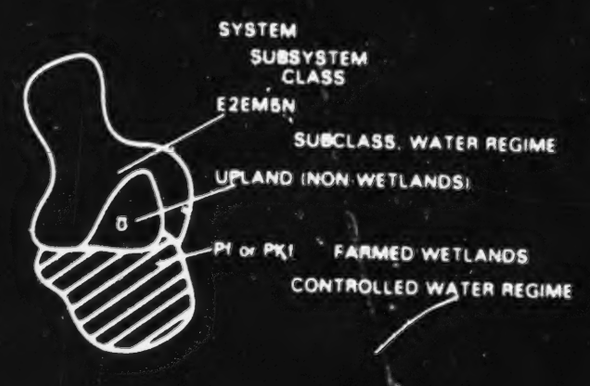

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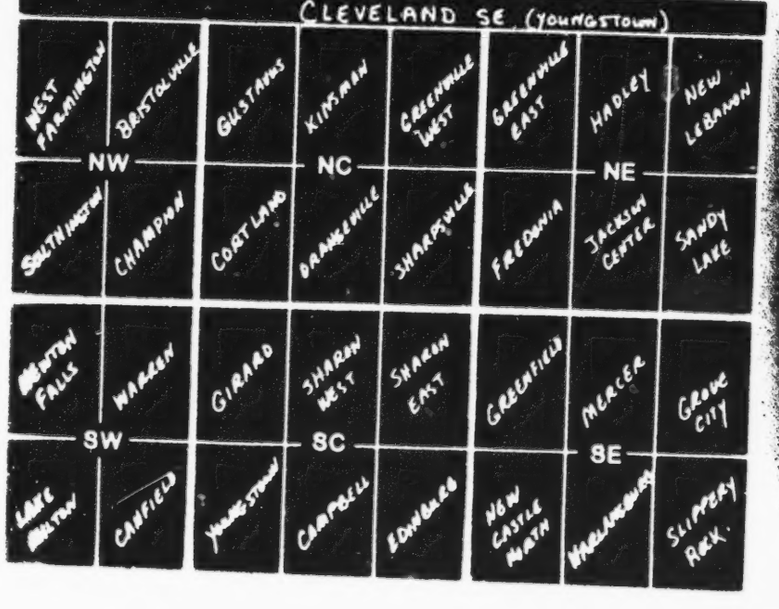

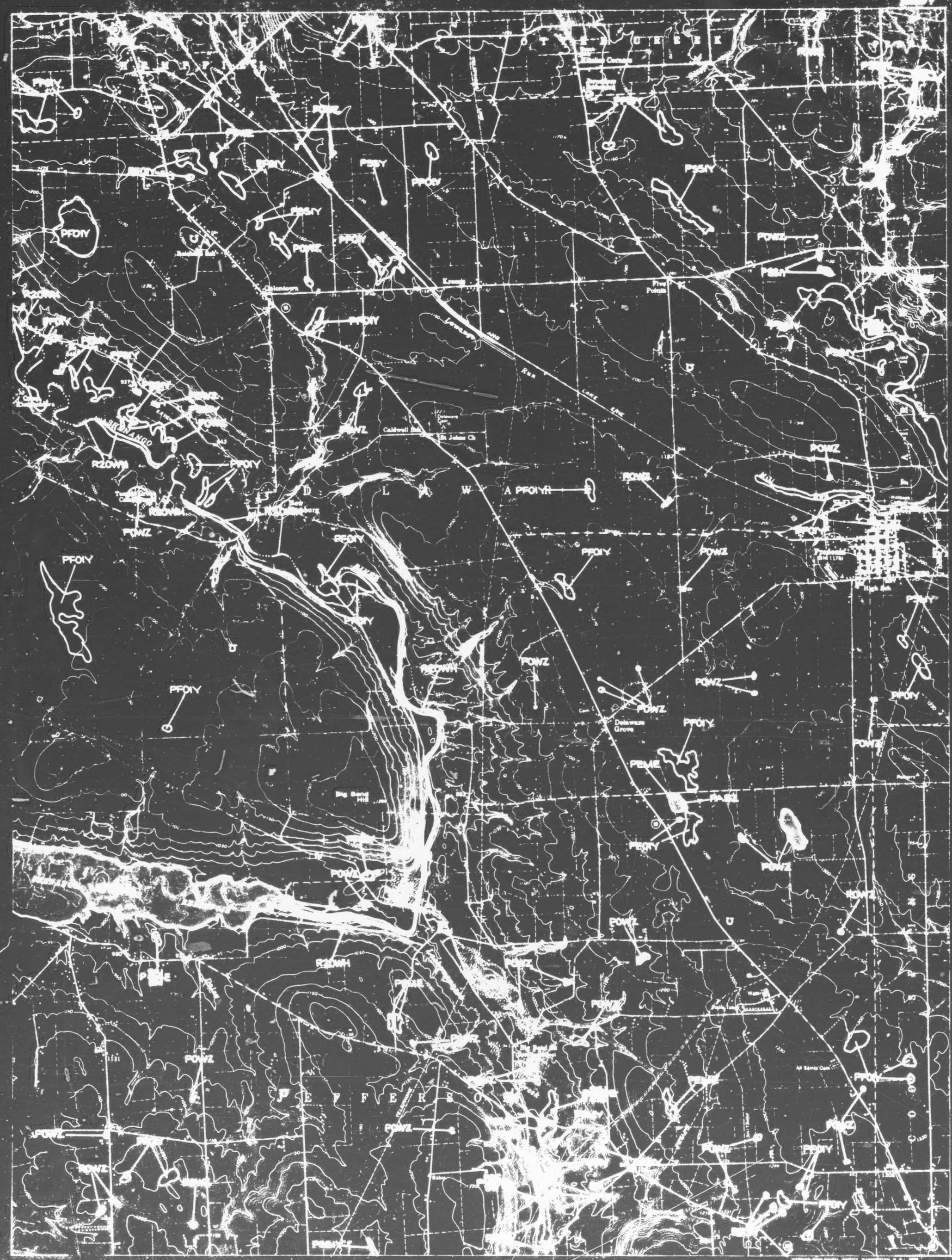
PFOIY
POWZ
R2OWH
PSSIY
PEME
PAGE
Johnstown
Conemaugh
Kreps
Pine Potosi
Lake Line
Delaware Grove
Big Bend Hill
Air Saints Cem
Hyndman
Bedford
Somerset
Cambria
Blair
Fulton
Franklin
FREDONIA, PA.
14

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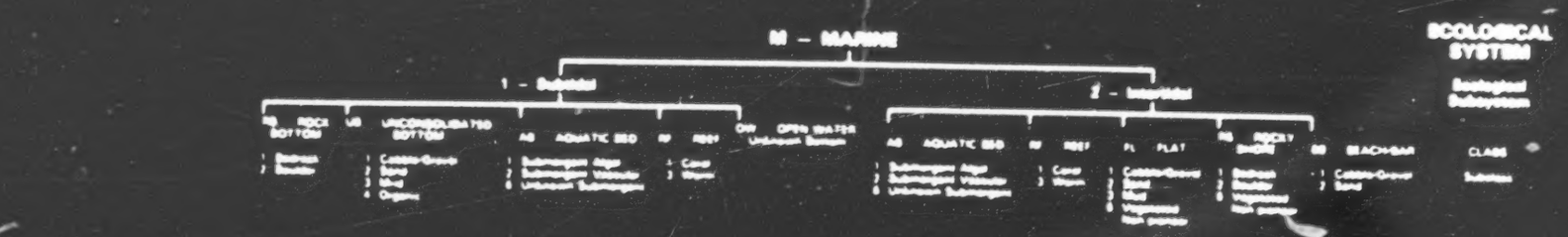

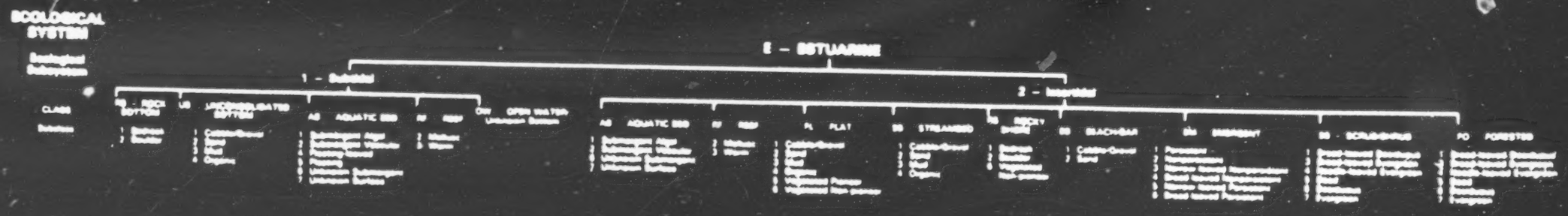

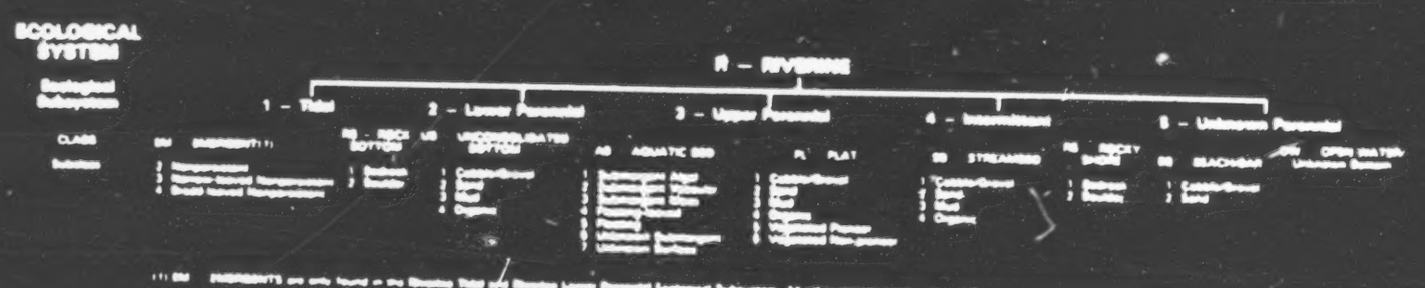

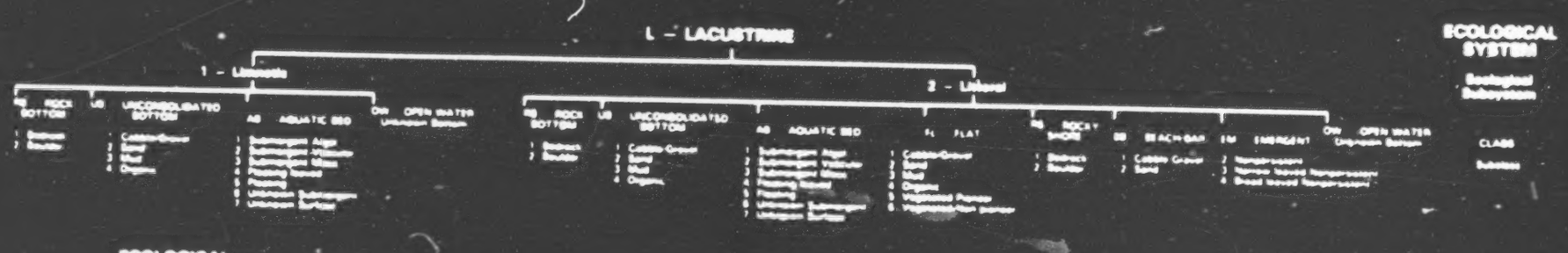

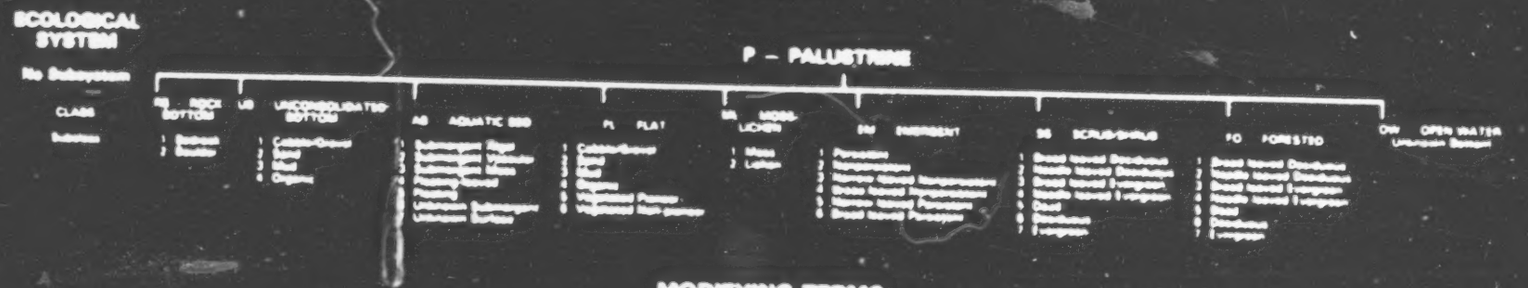

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A Permanent	I Permanent	V Permanent										
B Semipermanent	J Intermittently Exposed	W Semipermanent										
C Intermittent	K Artificial	X Rarely Exposed										
D Artificially Flooded	L Artificial	Y Artificial										
E Seasonal		Z Unknown										
F Saturated												
G Temporary												
H Intermittently Exposed												

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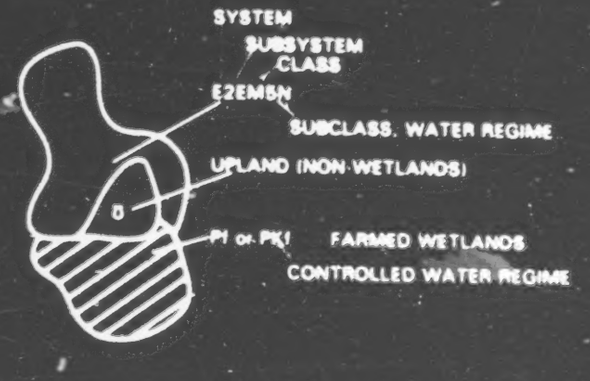

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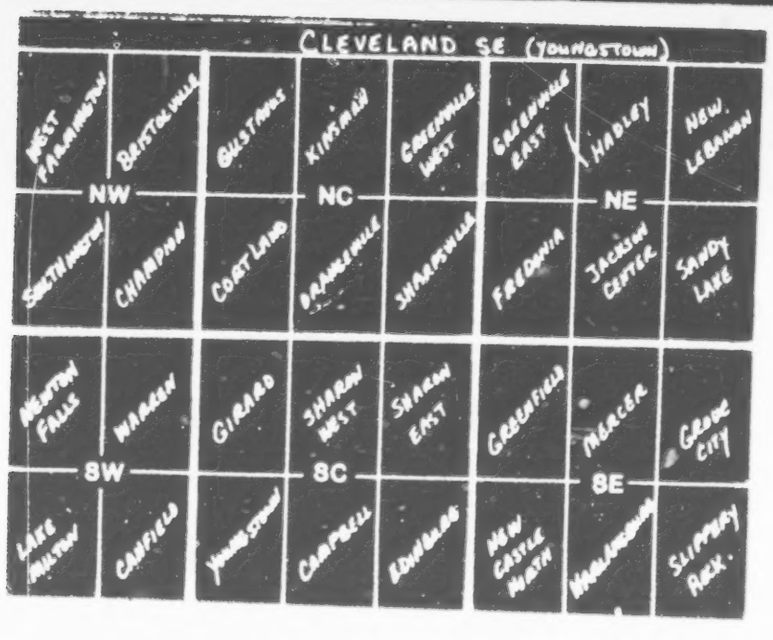

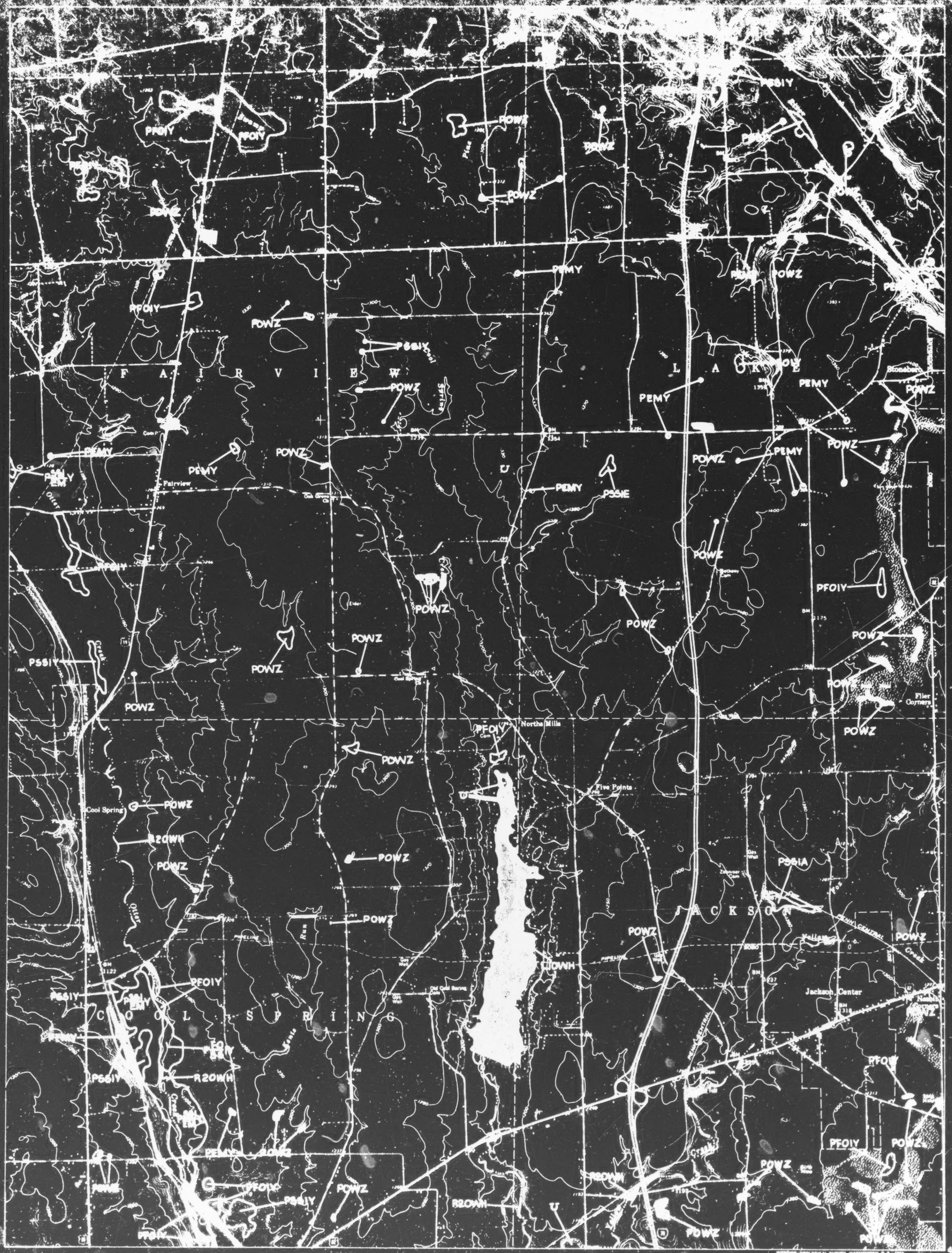
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POWZ
PEMY
P661Y
R20WH
P661A
PS61E
P661E
F A I R V I E W
L A K E
J A C K S O N
C O O L S P R I N G
Fairview
Northe Mills
Five Points
Jackson Center
Cool Spring
Broadbury
Filer Corners
Yellow Creek
Old Cuba Spring
Cuba Run
Oliver
Creek
Run
PIPELINE
PENN CENTRAL
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WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; RF REEF; OW OPEN WATER Unknown Bottom

2 – Intertidal: AB AQUATIC BED; RF REEF; FL FLAT; RS ROCKY SHORE; BB BEACH/BAR

E – ESTUARINE

1 – Subtidal: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; RF REEF; OW OPEN WATER Unknown Bottom

2 – Intertidal: AB AQUATIC BED; RF REEF; FL FLAT; SB STREAMBED; RS ROCKY SHORE; BB BEACH/BAR; EM EMERGENT; SS SCRUB-SHRUB; FO FORESTED

R – RIVERINE

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

EM EMERGENT(1); RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; FL FLAT; SB STREAMBED; RS ROCKY SHORE; BB BEACH/BAR; OW OPEN WATER Unknown Bottom

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; OW OPEN WATER Unknown Bottom

2 – Littoral: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; FL FLAT; RS ROCKY SHORE; BB BEACH/BAR; EM EMERGENT; OW OPEN WATER Unknown Bottom

P – PALUSTRINE

No Subsystem

RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; FL FLAT; ML MOSS LICHEN; EM EMERGENT; SS SCRUB-SHRUB; FO FORESTED; OW OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source

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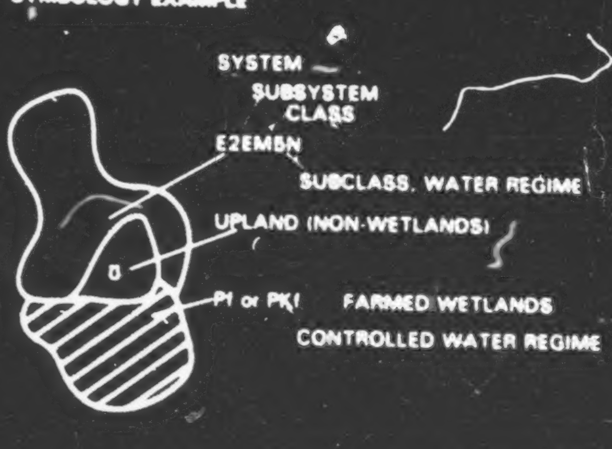
SYMBOLOGY EXAMPLE



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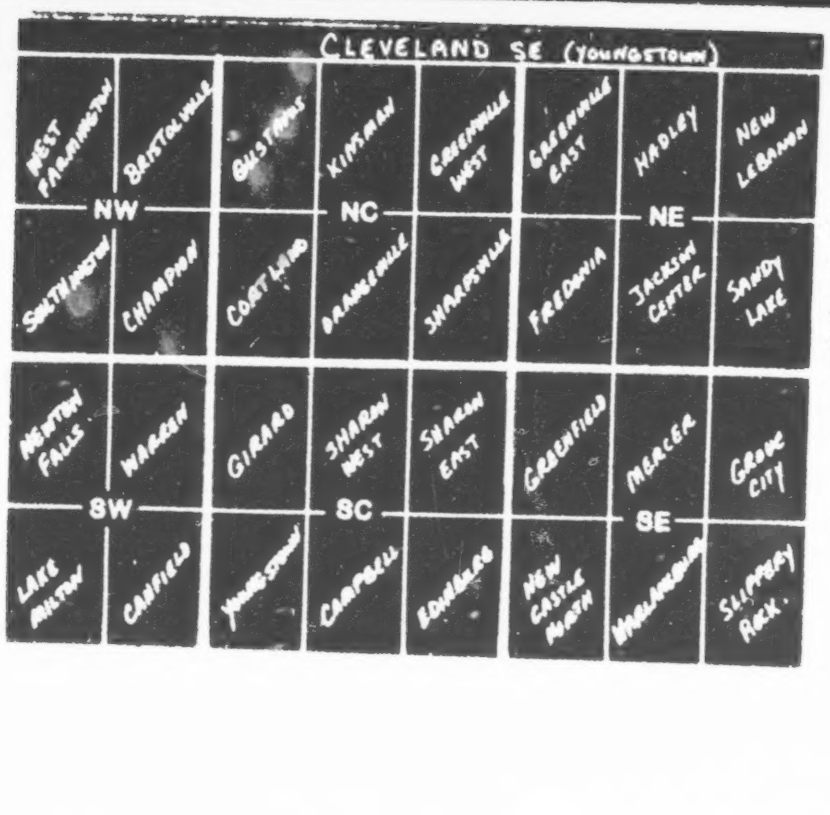
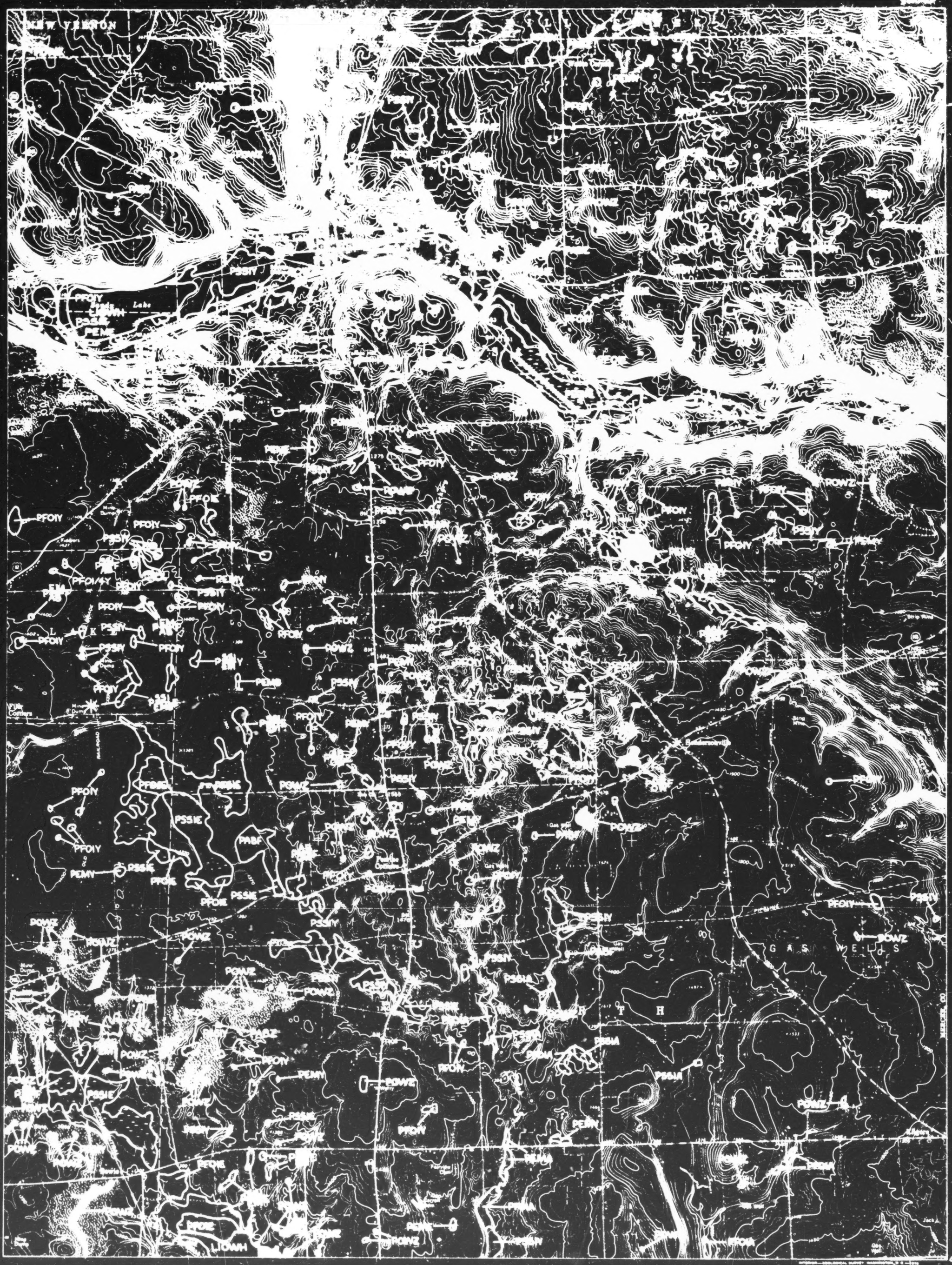


NATIONAL WETLANDS INVENTORY



16

CLEVELAND SE
YOUNGSTOWN

41°15'
80°00'

6/77

SANDY LAKE, PA

SCALE 1:24000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

WETLAND LEGEND

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M – MARINE

1 – Subtidal | 2 – Intertidal

ECOLOGICAL SYSTEM / Ecological Subsystem / CLASS / Subclass

E – ESTUARINE

1 – Subtidal | 2 – Intertidal

R – RIVERINE

1 – Tidal | 2 – Lower Perennial | 3 – Upper Perennial | 4 – Intermittent | 5 – Unknown Perennial

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

1 – Limnetic | 2 – Littoral

P – PALUSTRINE

No Subsystem

MODIFYING TERMS

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Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		

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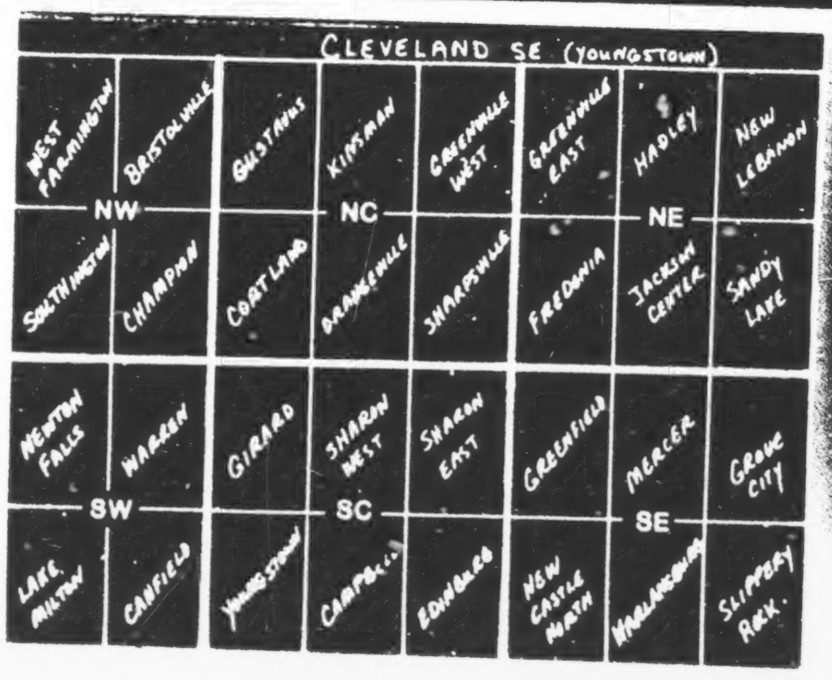
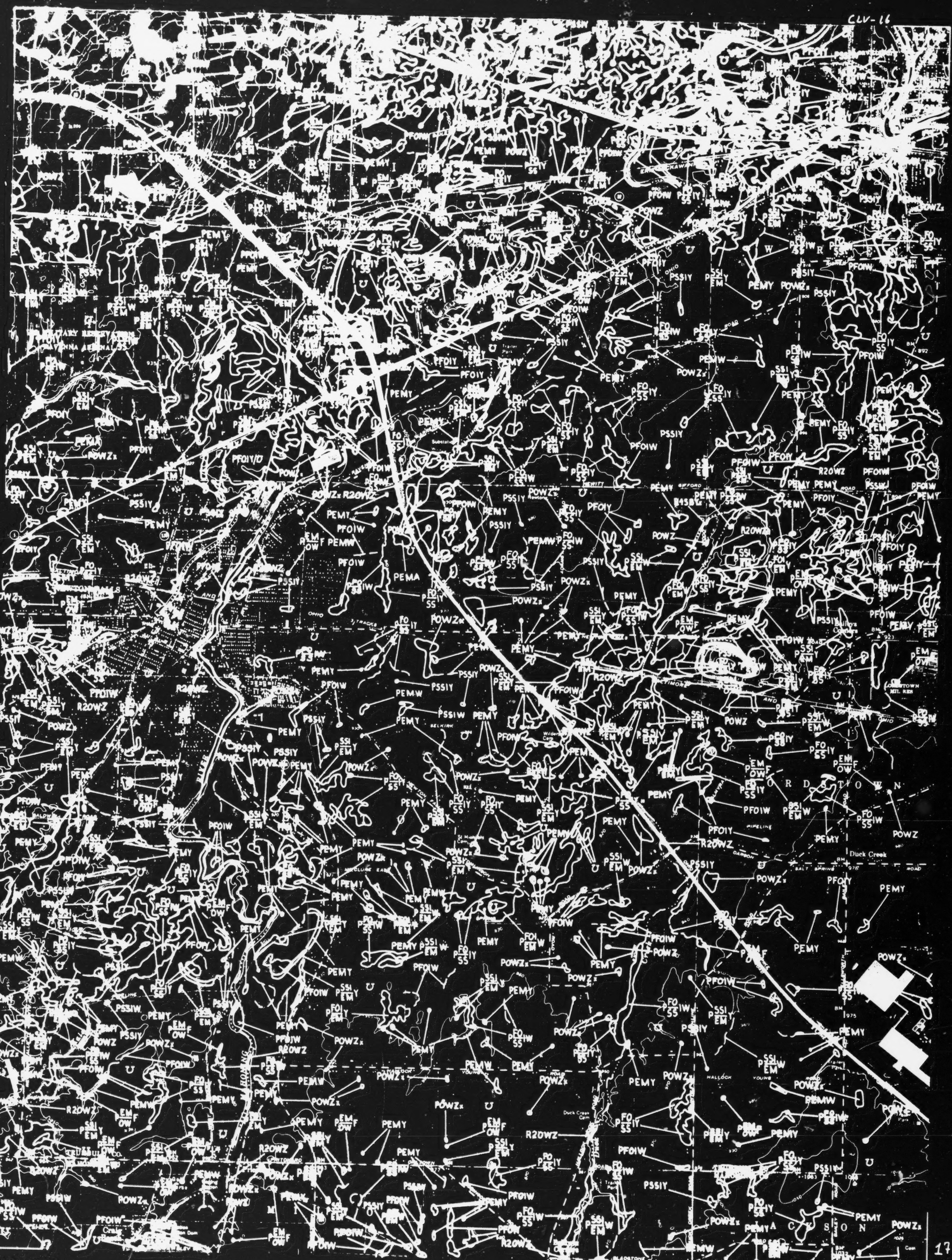


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-16



WETLAND LEGEND

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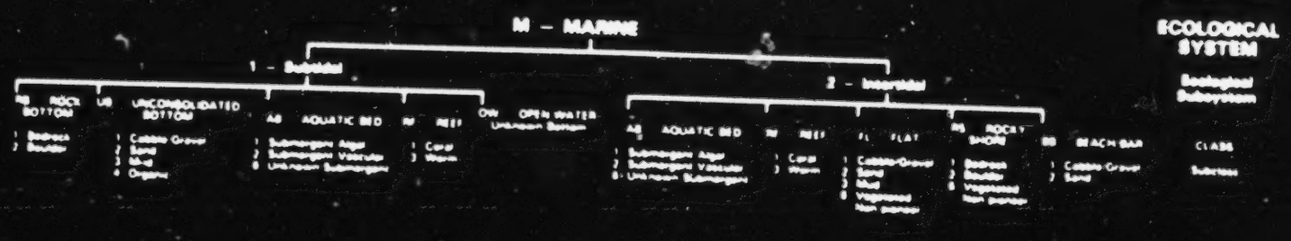

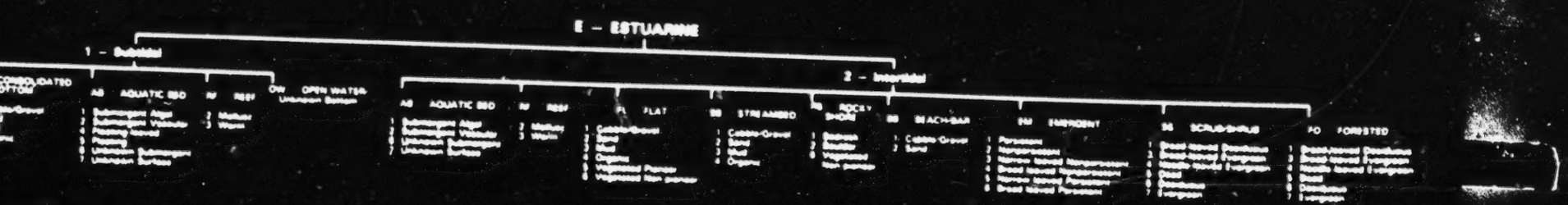

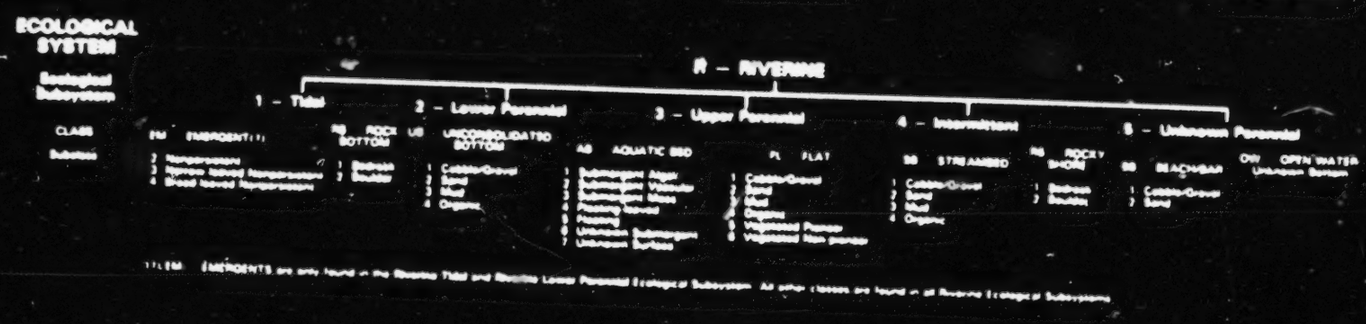

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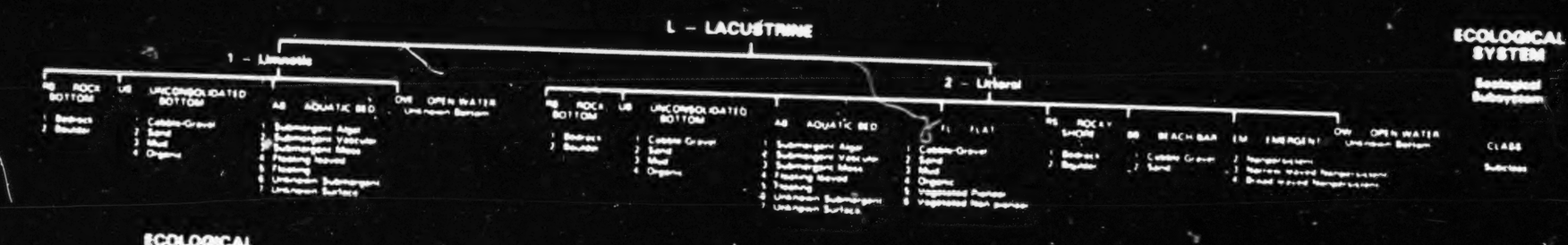

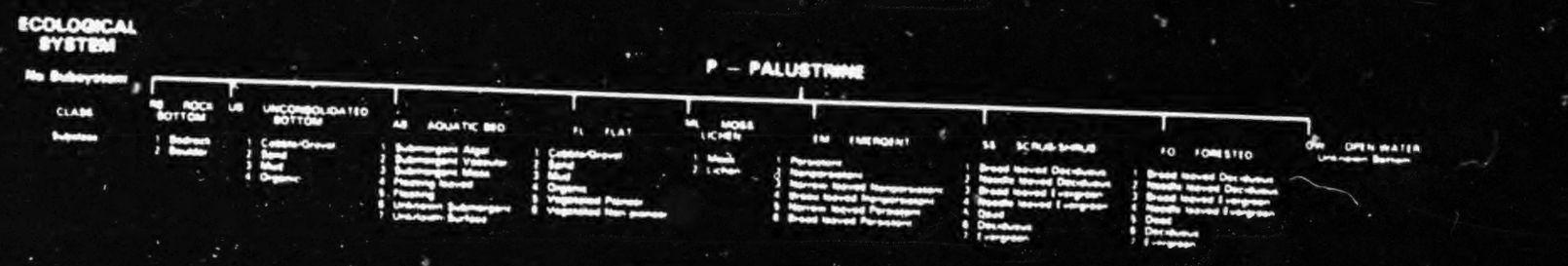

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WATER REGIMES(1)										WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS		
Non-Tidal				Tidal						Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water					
A Temporary	H Permanent			E Artificial		R Regional Tidal				1 Hypersaline	7 Hypersaline	4 Acid		1 Organic	h Diked/Impounded		
B Saturated	J Intermittently Flooded			F Subtidal		S Temporary Tidal				2 Eusaline	8 Eusaline	5 Circumneutral		2 Mineral	r Artificial		
C Seasonal	K Artificial			G Intermittently Exposed		T Semipermanent Tidal				3 Oligosaline	9 Oligosaline	6 Alkaline			s Spoil		
D Intermittently Flooded				H Permanent		U Permanent Tidal				4 Polyhaline	0 Fresh				t Excavated		
E Saturated/Semipermanent/Seasonal				J Intermittently Exposed		V Unknown				5 Euhaline							
F Artificial				K Artificial						6 Hyperhaline							
G Intermittently Exposed										0 Fresh							

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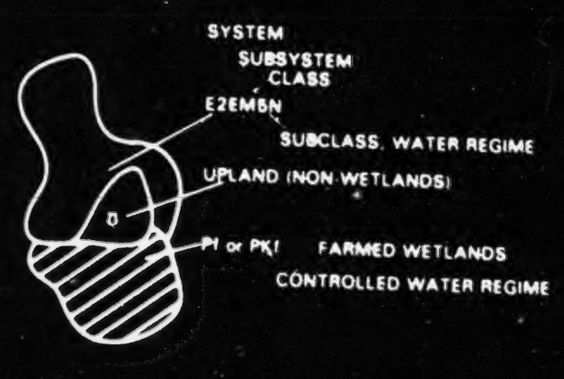
SYMBOLOGY EXAMPLE



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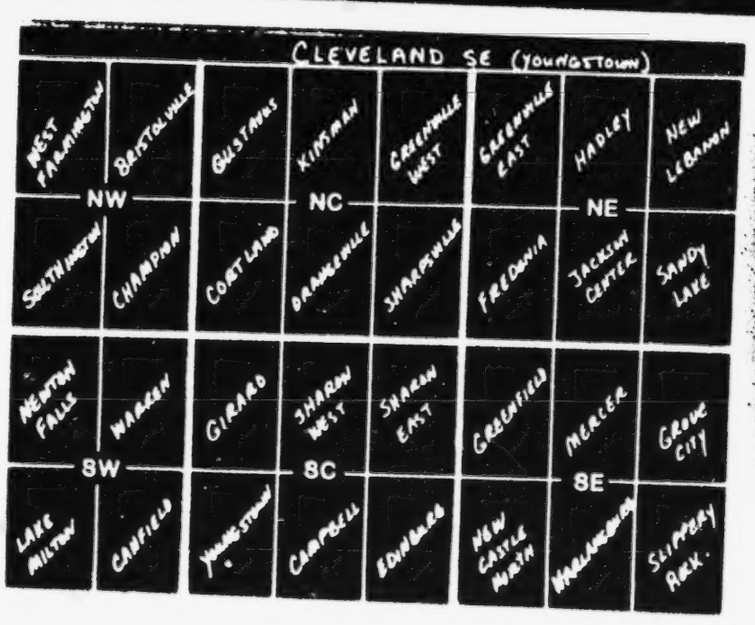
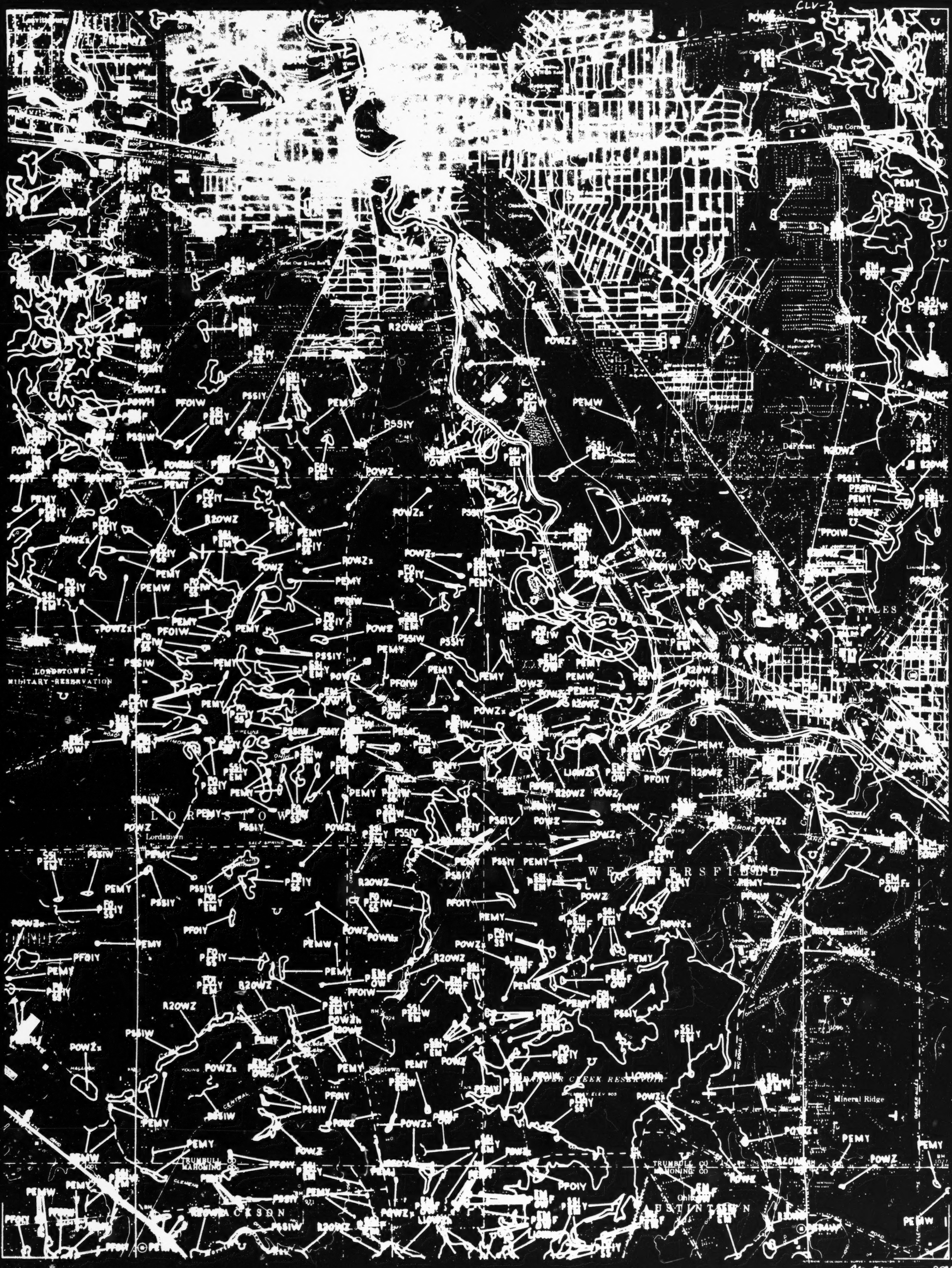


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND SE
YOUNGSTOWN

WARREN OHIO

SCALE 1:24 000

18

41°07'30"

80°45'

AP 4/77

WETLAND LEGEND

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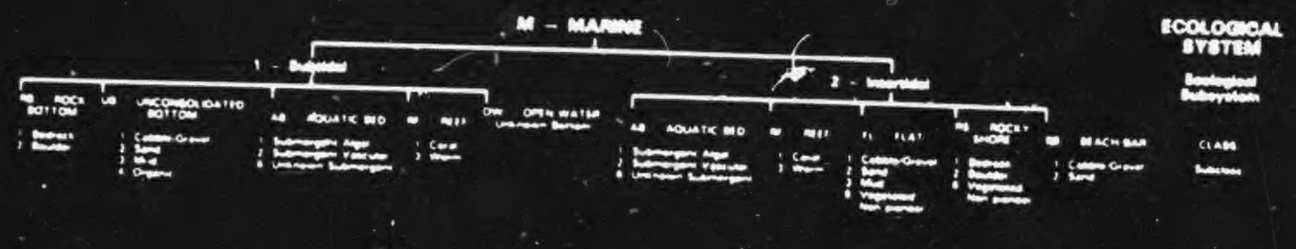

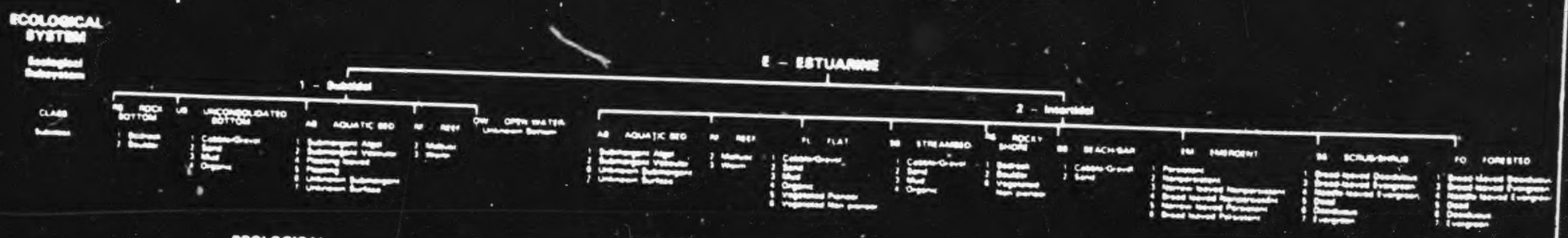

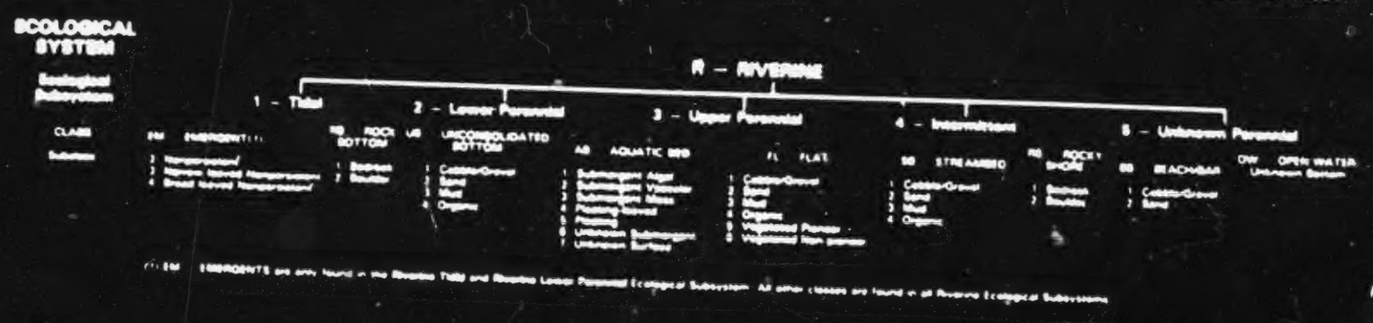

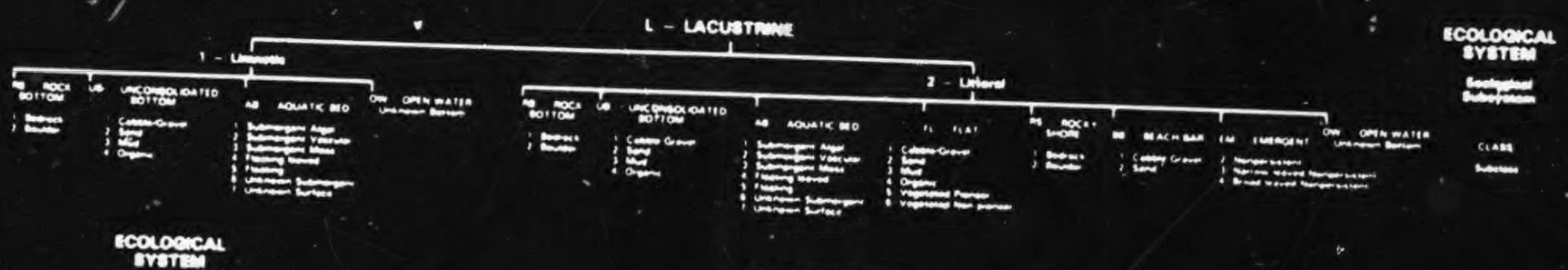

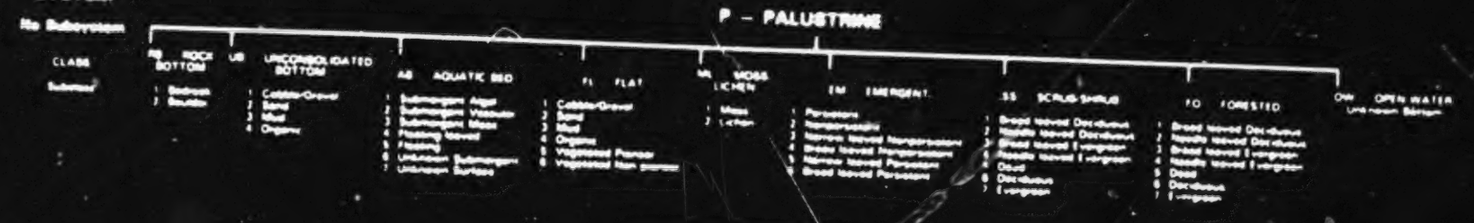

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WATER REGIME(1)

Non-Tidal		Tidal	
A Temporary	H Permanent	L Artificial	R Seasonal Tidal
B Saturated	J Intermittently Flooded	M Subtidal	S Temporary Tidal
C Seasonal	K Artificial	N Irregularly Exposed	T Semipermanent Tidal
D Seasonal Well-drained	Z Intermittently Exposed/Permanent	P Regular	V Permanent Tidal
E Seasonal Saturated	Y Semipermanent/Seasonal/Permanent	W Irregular	U Unknown
F Semipermanent	G Intermittently Flooded/Temporary		
G Intermittently Exposed	U Unknown		

WATER CHEMISTRY

Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water	SOIL	SPECIAL MODIFIERS
1 Hyperhaline	7 Hypersaline	a Acid	s Organic	b Beaver
2 Euhaline	8 Eusaline	i Circumneutral	m Mineral	d Partially Drained/Ditched
3 Mixohaline (Brackish)	9 Mixosaline	k Alkaline		f Farmed
4 Polyhaline	0 Fresh			h Diked/Impounded
5 Mesohaline				r Artificial
6 Oligohaline				s Spoil
0 Fresh				x Excavated

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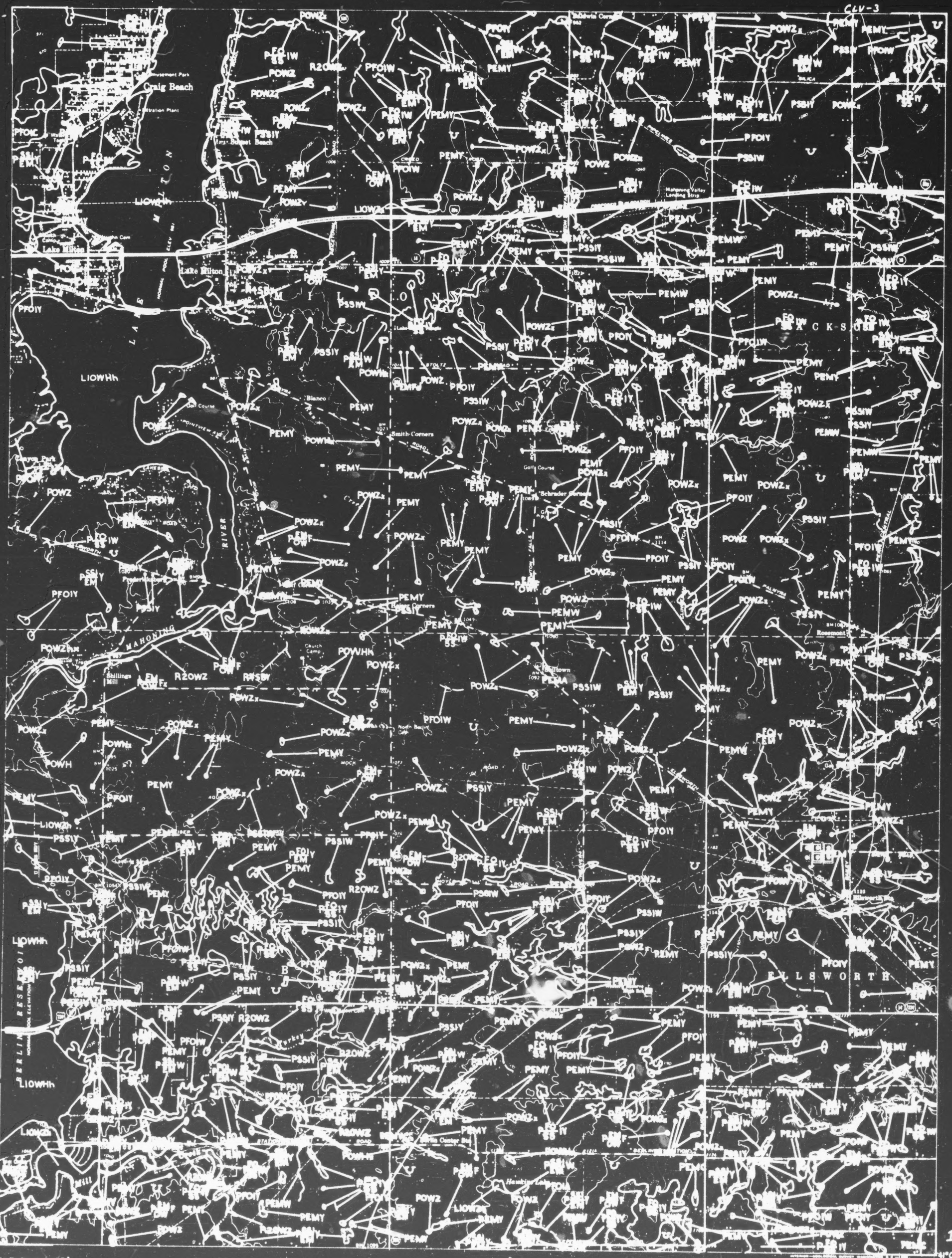
NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-3


Craig Beach
Lake Milton
Lake Milton
LIOWHh
LIOWHh
LIOWHh
LIOWHh
LIOWHh
Smith Corners
Schrader Corners
Rosemont
Hamilton Corners
Shillings Mill
Blanco
Golf Course
Golf Course
Church Camp
Trailer Park
Mahoning Valley Landing Strip
Lake Milton Dam
Lake Milton Dam
Lake Milton Dam

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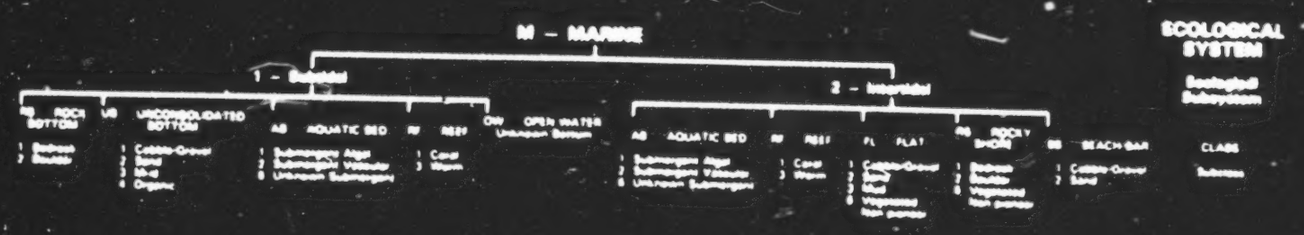

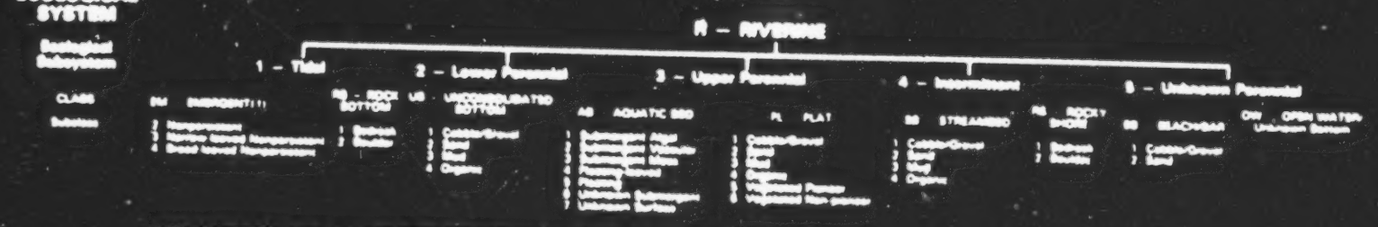

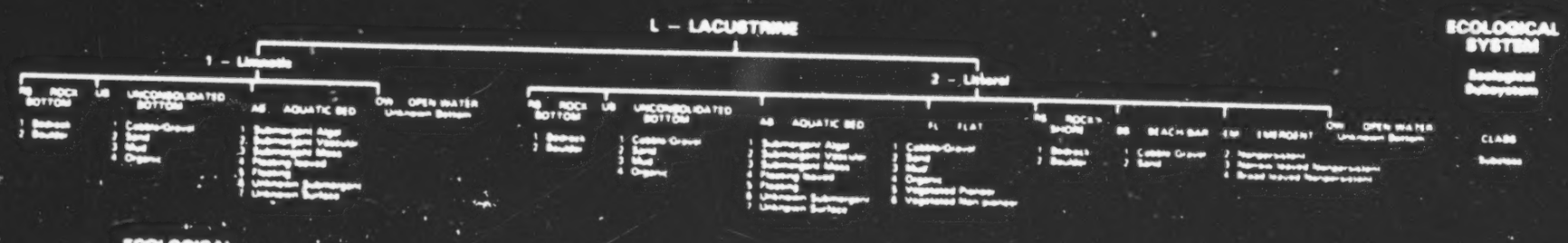

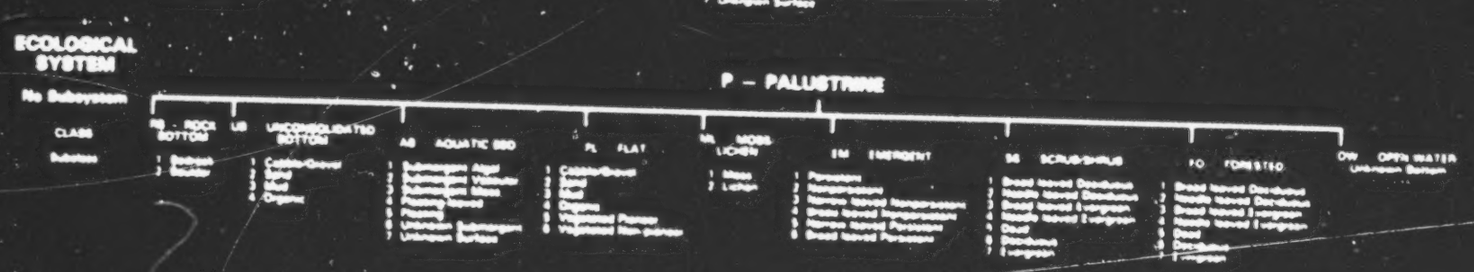

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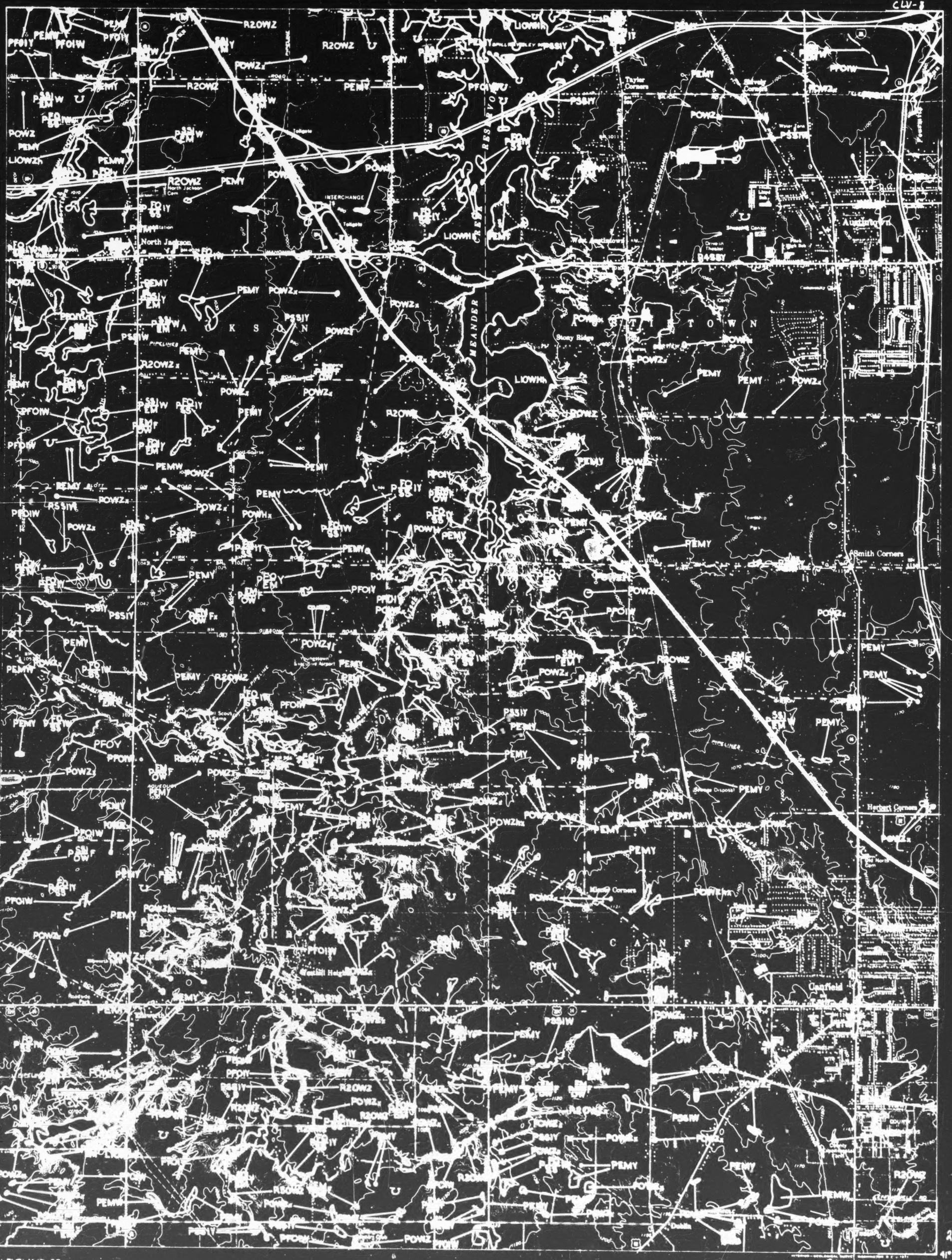
| WATER REGIME(1) | | |

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-8



20

41°CU

80°45'

CLEVELAND SE
YOUNGSTOWN

CANFIELD, OHIO

SCALE 1:24000

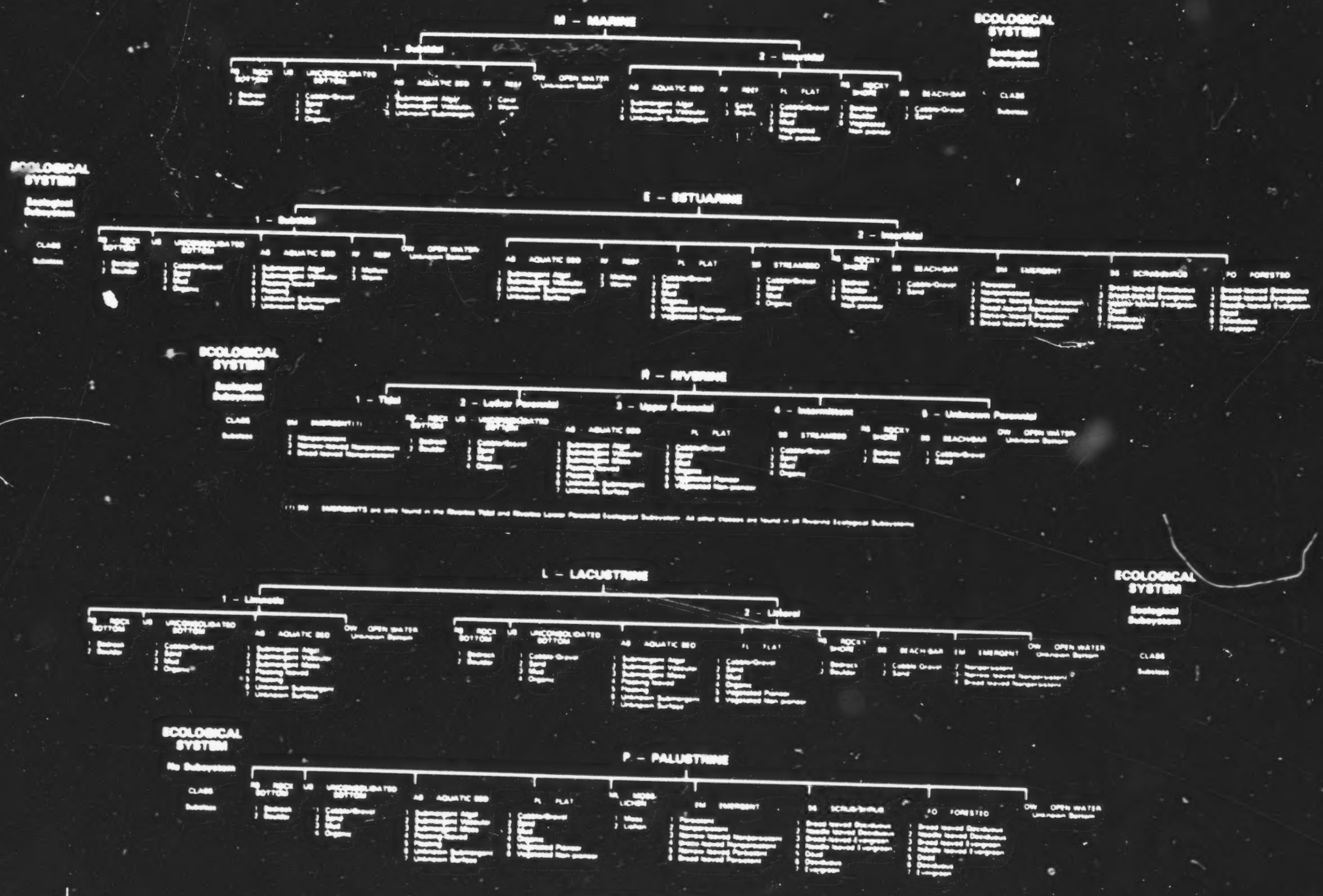
1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unvegetated ornissipms.



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WATER REGIME(1)										WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS			
Non-Tidal			Tidal							Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water						
A Temporary	F Seasonal	H Permanent		K Artificial		P Permanent Tidal				1 Hypersaline	5 Hypersaline	6 Acid		1 Organic	1 Beaver		5 Diked/Impounded	
B Saturated	G Intermittently Flooded	J Intermittently Exposed		L Artificially Flooded		Q Intermittently Tidal				2 Eusaline	6 Eutrosaline	7 Circumneutral		2 Mineral	2 Partially Drained/Ditched		6 Artificial	
C Seasonal						R Semipermanent Tidal				3 Polysaline	7 Mixosaline	8 Alkaline			3 Farmed		7 Spoil	
D Intermittently Exposed						S Intermittently Tidal				4 Mesohaline	8 Fresh						8 Excavated	
E Permanent						U Unknown				5 Oligohaline								
F Intermittently Flooded										6 Fresh								

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source

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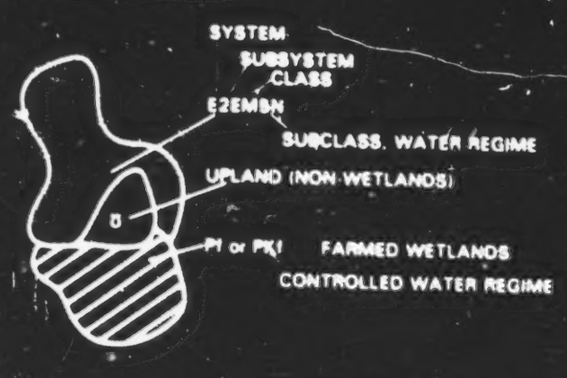
SYMBOLOGY EXAMPLE



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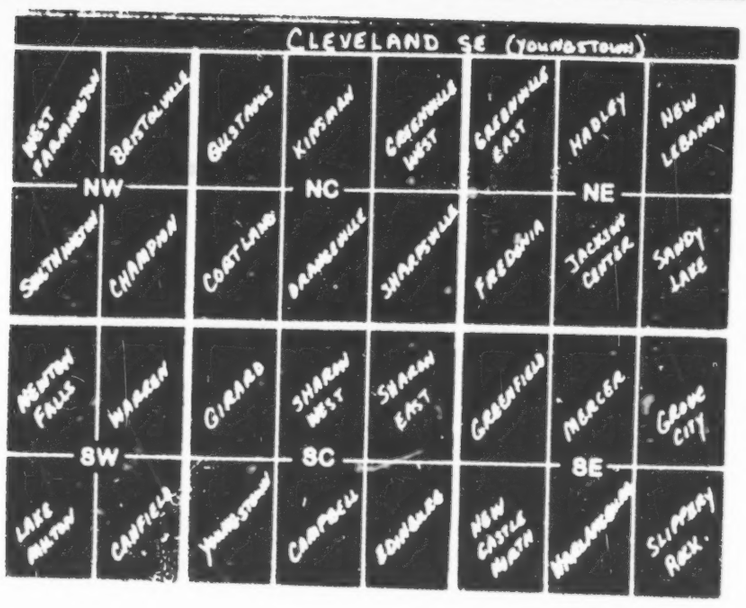
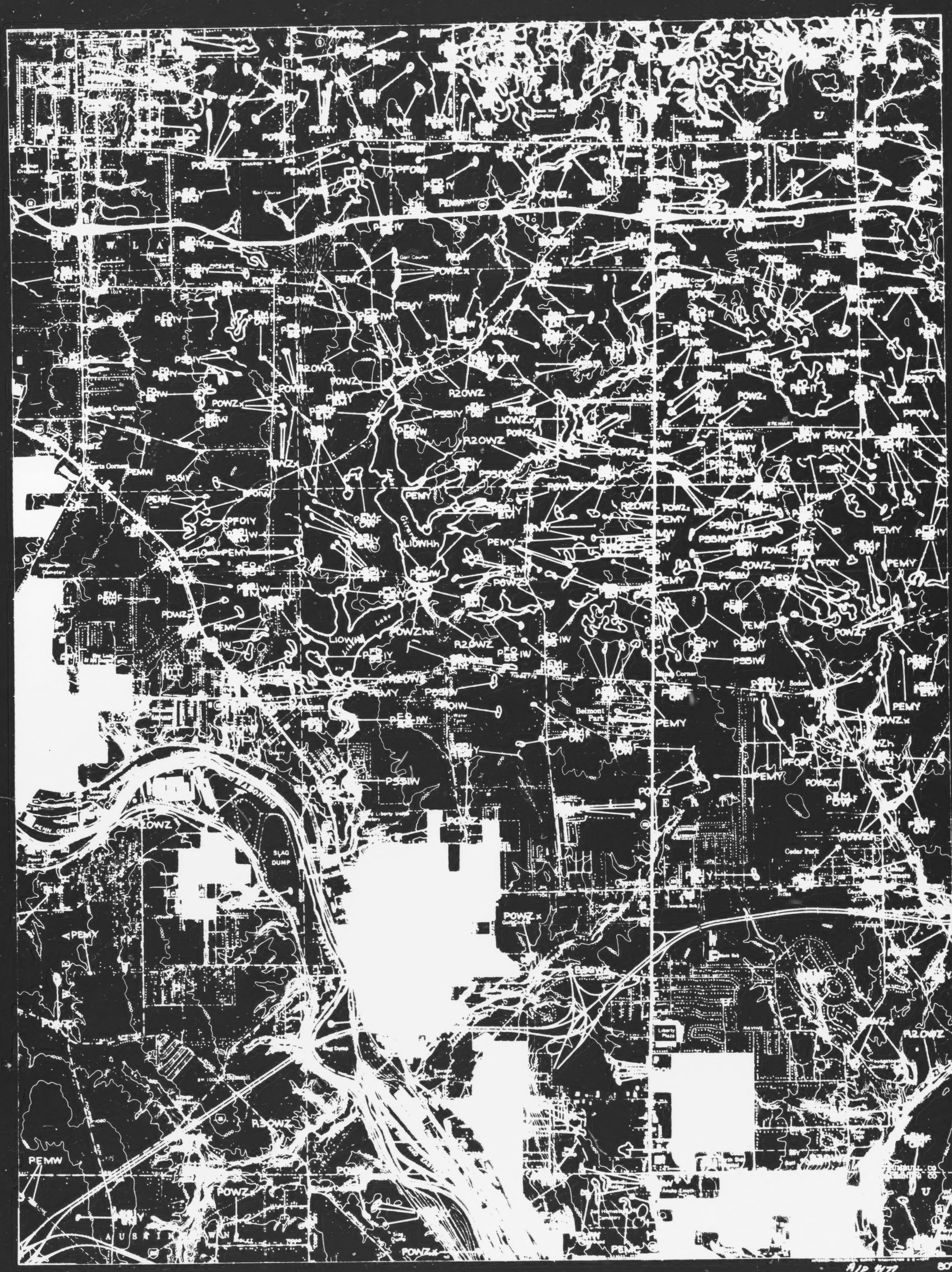


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



CLEVELAND SE
YOUNGSTOWN

SCALE 1:24000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

21

A/P 4/77

41°07'30"
80°37'30"

GIRARD, OHIO

WETLAND LEGEND

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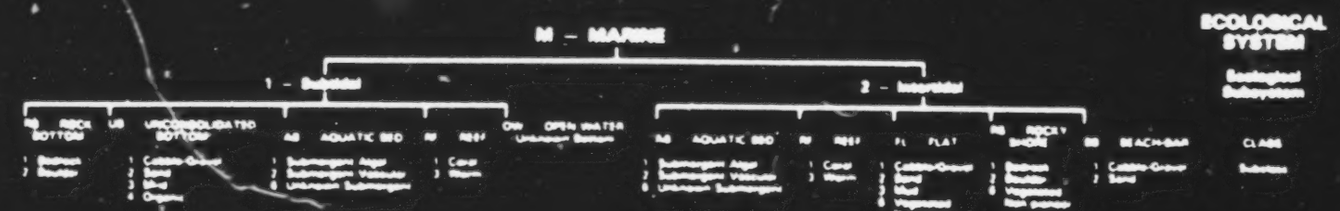

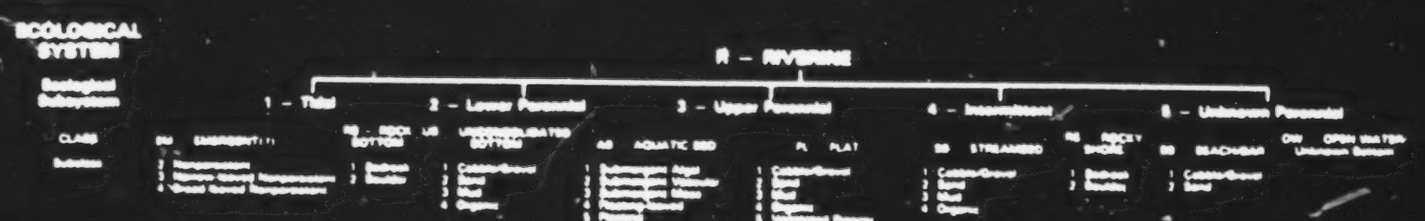

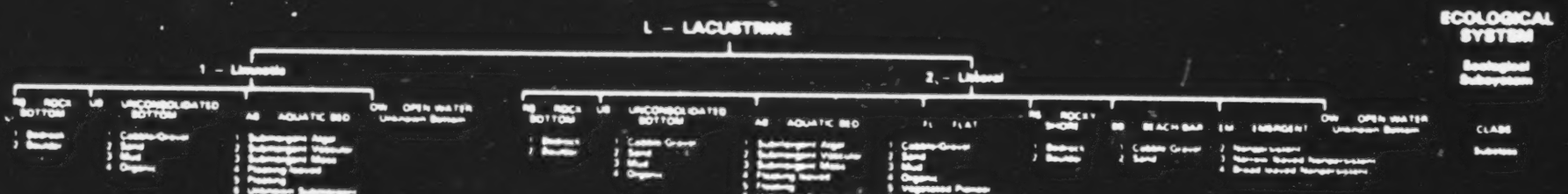

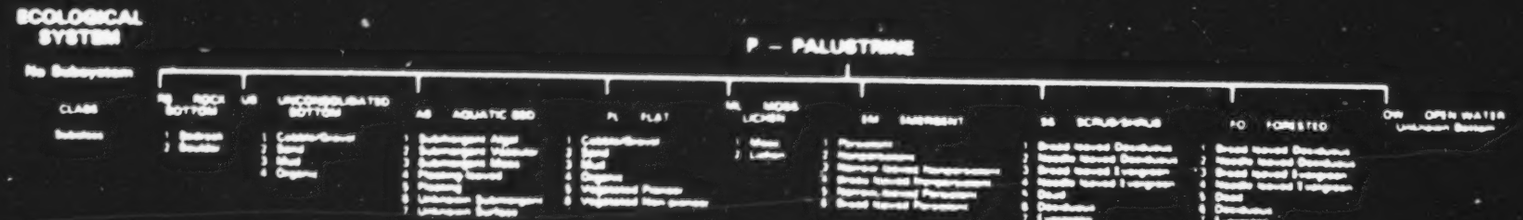

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WATER REGIMES (1)			WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal		General Salinity	Inland Salinity – pH Modifiers for all Fresh Water		
A Temporary	F Permanent	K Artificial	1 Hyperhaline	5 Acid	6 Organic	b Beaver
B Saturated	G Intermittently Flooded	P Permanently Flooded	2 Euhaline	6 Circumneutral	7 Mineral	d Partially Drained/Ditched
C Seasonal	H Artificial	R Semipermanent	3 Mixohaline	7 Alkaline		f Farmed
D Temporary Flooded	J Intermittently Exposed	S Seasonal	4 Polyhaline			g Intermittently Exposed
E Intermittently Flooded		T Intermittently Tidal	5 Fresh			h Diked/Impounded
		U Unknown				r Artificial
						s Spoil
						x Excavated

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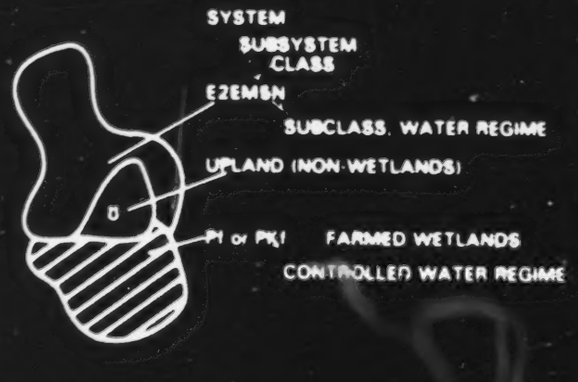
SYMBOLOGY EXAMPLE



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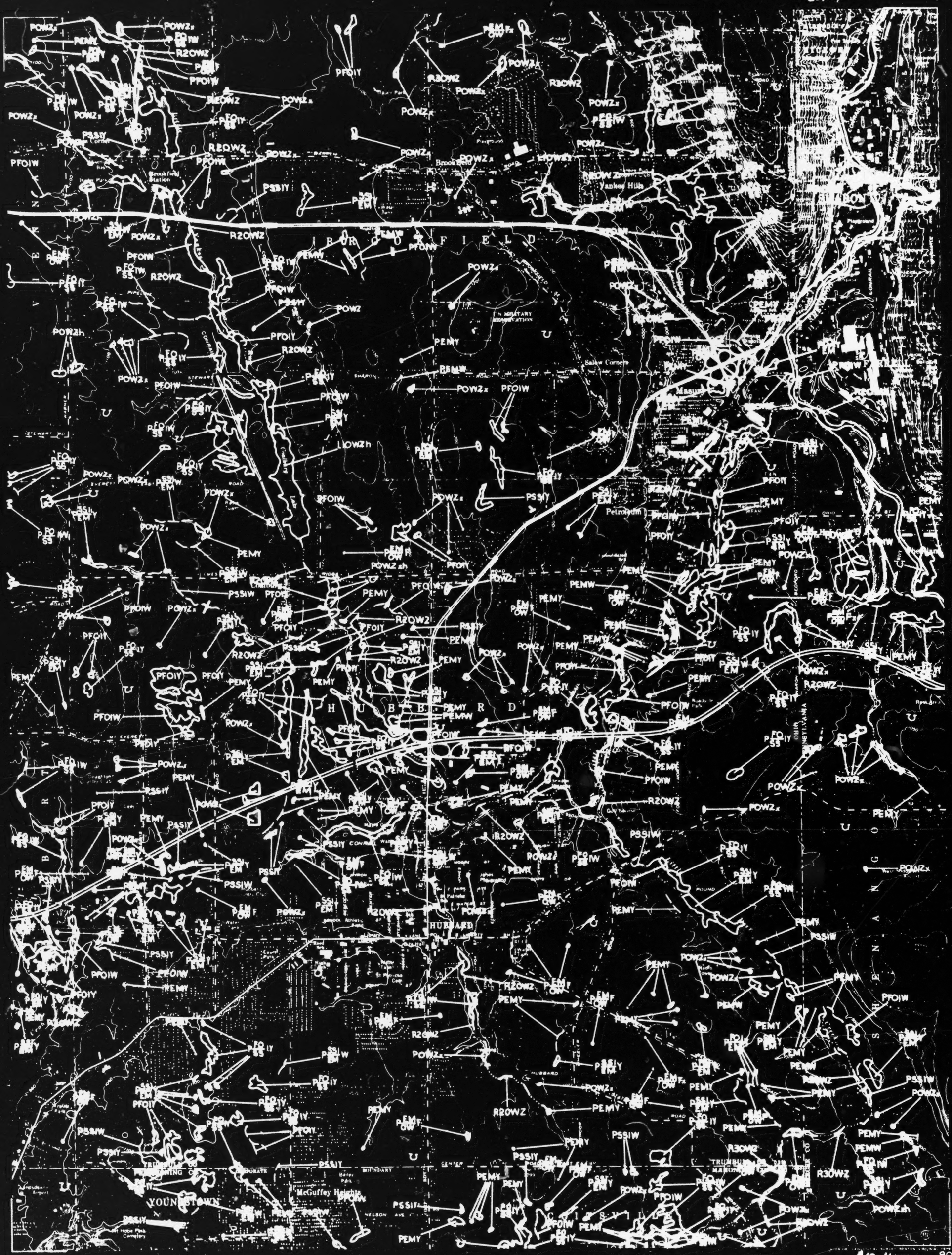
CLEVELAND SE (YOUNGSTOWN)

WEST FARMINGTON	BURTON-WILLE	GUILFORD	KINSMAN	GARRETTSVILLE WEST	GARRETTSVILLE EAST	HADLEY	NEW LEBANON
NW			NC			NE	
SOUTHINGTON	CHARDON	COURTLAND	RANSOMVILLE	SHARPSVILLE	FREDONIA	JACKSON CENTER	SANDY LAKE
NEWTON FALLS	WARREN	GIRARD	SHARON WEST	SHARON EAST	GARRETTSVILLE	MILLER-SBURG	GRAND CITY
SW			SC			SE	
LAKE MILTON	CANFIELD	YOUNGSTOWN	CAMPBELL	EDINBURG	NEW CASTLE NORTH	HOWLAND	SHIPPERS ROCK

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-7



CLEVELAND SE
YOUNGSTOWN

SHARON WEST, OHIO-PA

A/P 4/77

80°30'

22

WETLAND LEGEND

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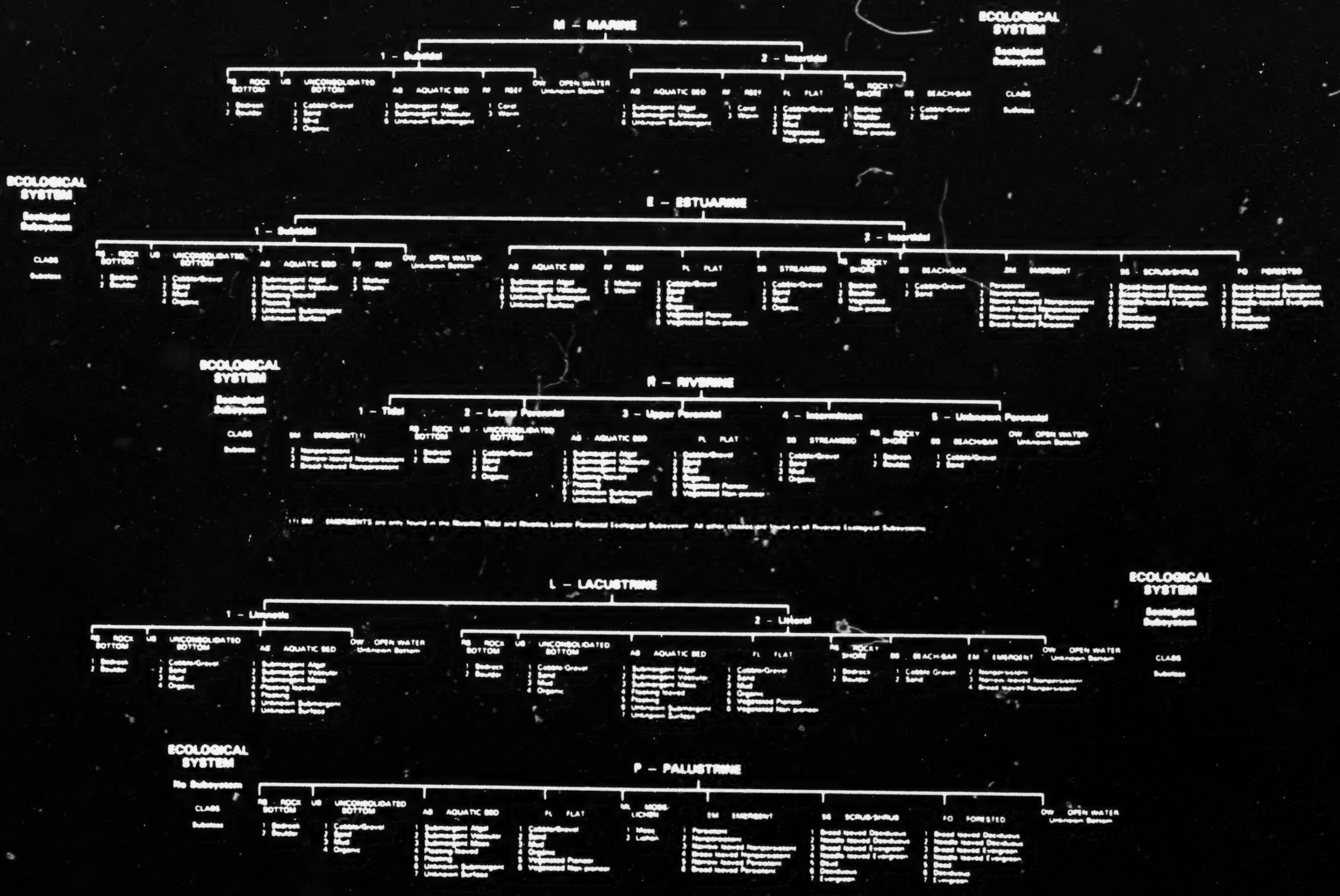

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WATER REGIME(1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
[illegible]	[illegible]	[illegible]	[illegible]	Acid Circumneutral Alkaline	[illegible]	[illegible]

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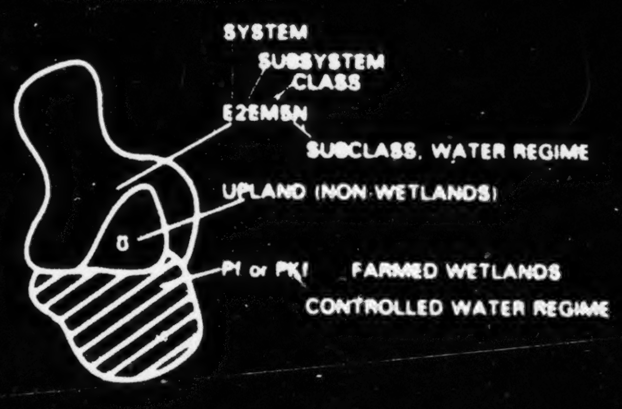

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CLEVELAND SE (YOUNGSTOWN)

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SOUTHINGTON	CHAMPION	CORTLAND	ORANGEVILLE	SHARPSVILLE	FREDONIA	JACKSON CENTER	SANDY LAKE
NEWTON FALLS	WARREN	GIRARD	SHARON WEST	SHARON EAST	GREENFIELD	MERCER	GROVE CITY
LAKE MILTON	CANFIELD	YOUNGSTOWN	CAMPBELL	EDINBURG	NEW CASTLE NORTH	HARLANSBURG	SLIPPERY ROCK

NW · NC · NE · SW · SC · SE

AF 1:6084C-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

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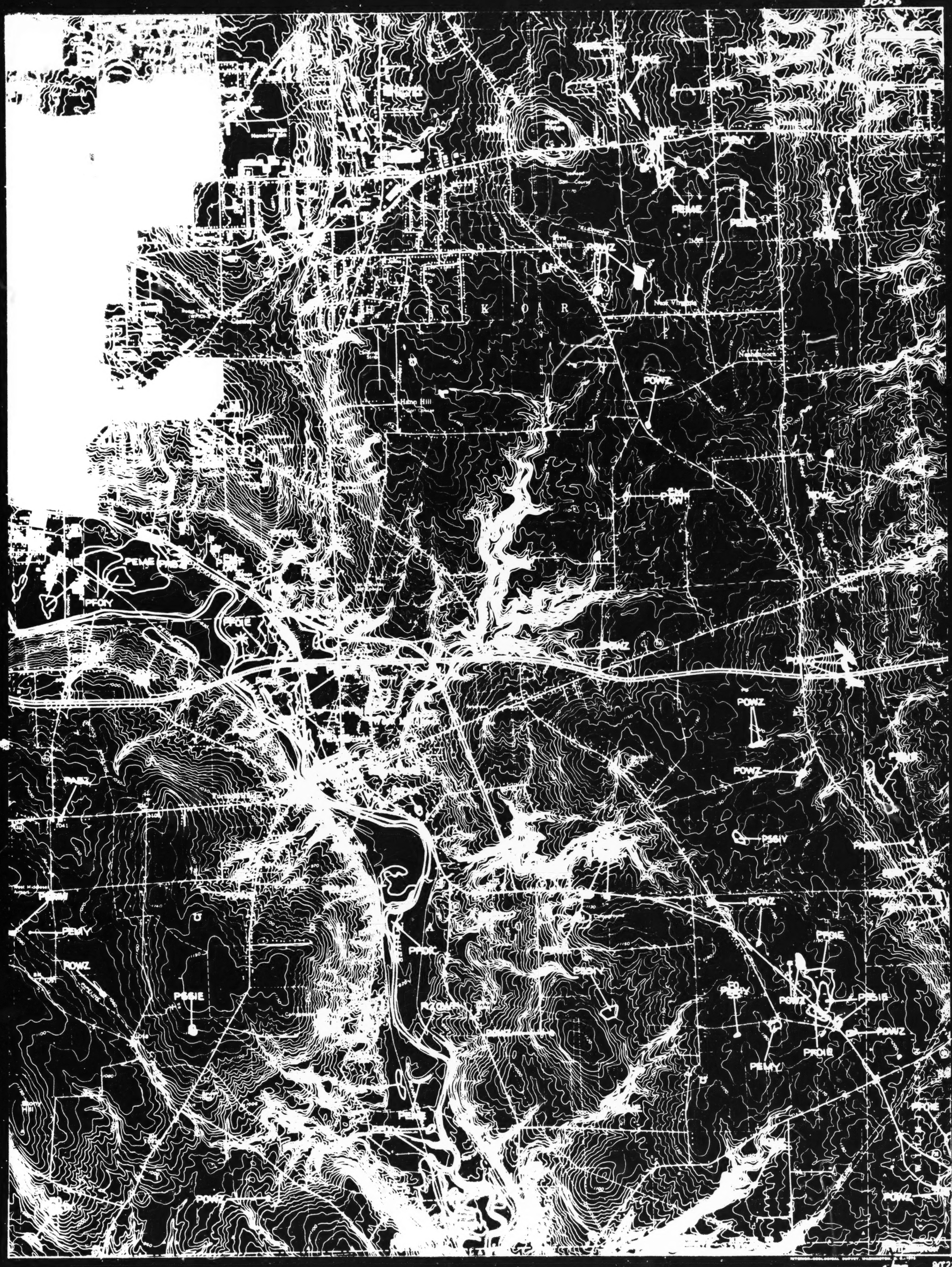

CLEVELAND SE
YOUNGSTOWN

SCALE 1:24 000

SHARON EAST, PA.

23

41°07'30"
80°22'30"

6/77

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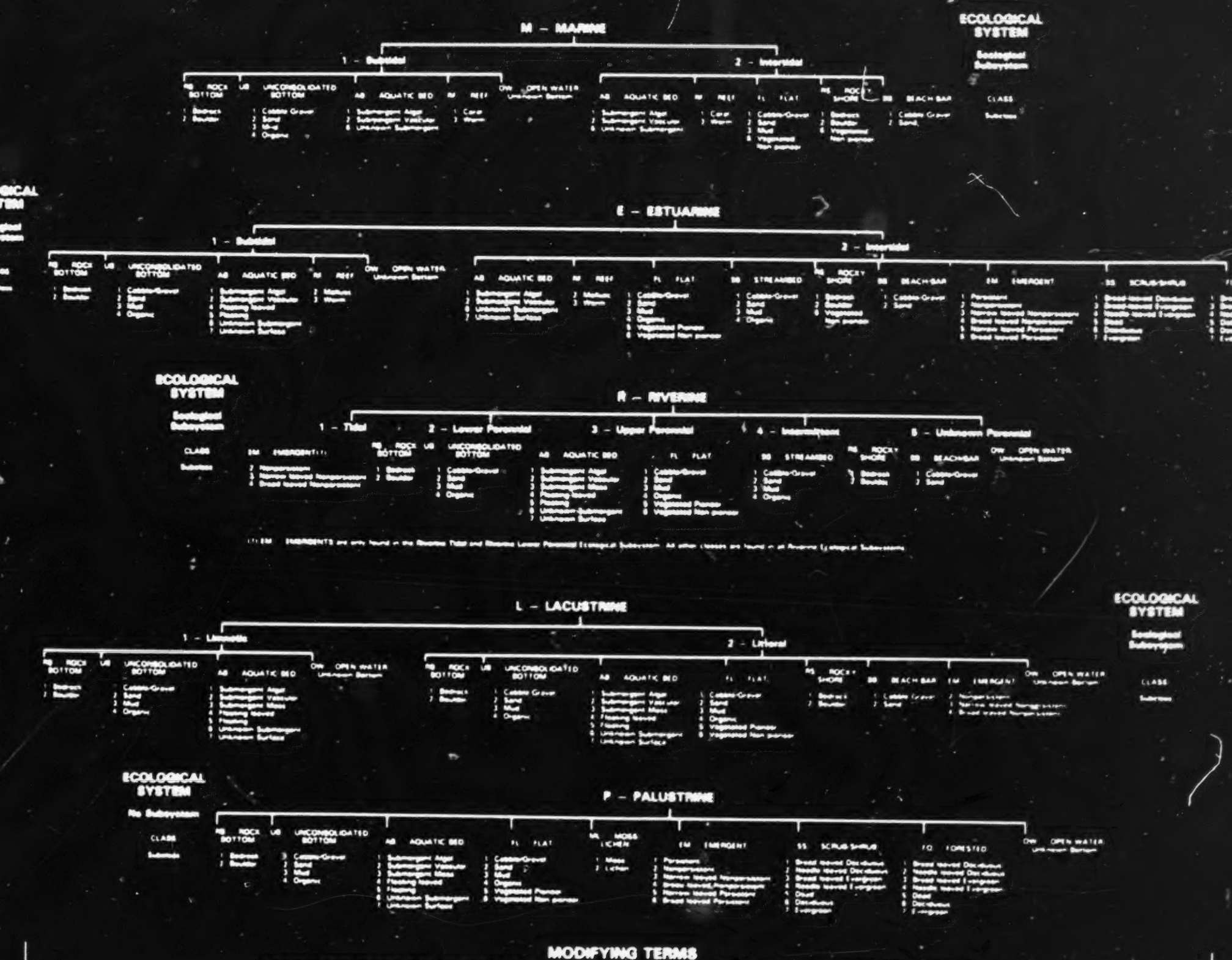

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A Temporary B Saturated C Seasonal D Seasonal/Well-drained E Seasonal/Saturated G Intermittently Exposed	H Permanent J Intermittently Flooded K Artificial R Intermittently Exposed/Permanent U Intermittently Exposed/Artificial Z Intermittently Exposed/Beaverdam	L Artificial M Subtidal N Irregularly Exposed P Regularly Exposed W Irregular	S Subsaline, Tidal T Temporary Tidal V Semipermanent Tidal Y Permanent Tidal U Unknown	1 Hyperhaline 2 Euhaline 3 Mixohaline (Brackish) 4 Polyhaline 5 Mesohaline 6 Oligohaline 0 Fresh	1 Hypersaline 2 Eusaline 3 Mixosaline 0 Fresh	7 Acid 8 Circumneutral 9 Alkaline	1 Organic 2 Mineral	1 Diked/Impounded 2 Artificial 3 Spoil 4 Excavated Blank Partially Drained/Ditched F Farmed

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NW			NC			NE	
SOUTHWICK	CHARDON	COST LAND	BOARDMAN	SPRINGFIELD	FREDONIA	JACKSON CENTER	SANDY LAKE
NORTON FALLS	MADISON	GIRARD*	SHARON WEST	SHARON EAST	CANFIELD	ANDOVER	CANAL CITY
SW			SC			SE	
LAKE MILTON	CANFIELD	YOUNGSTOWN	CAMPBELL	EDINBURG	NEW CASTLE PENN	WILLIAMSPORT	SLIPPERY ROCK

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLEVELAND SE
YOUNGSTOWN

SCALE 1:24000

24
41°00'
80°37'30"

YOUNGSTOWN, OHIO

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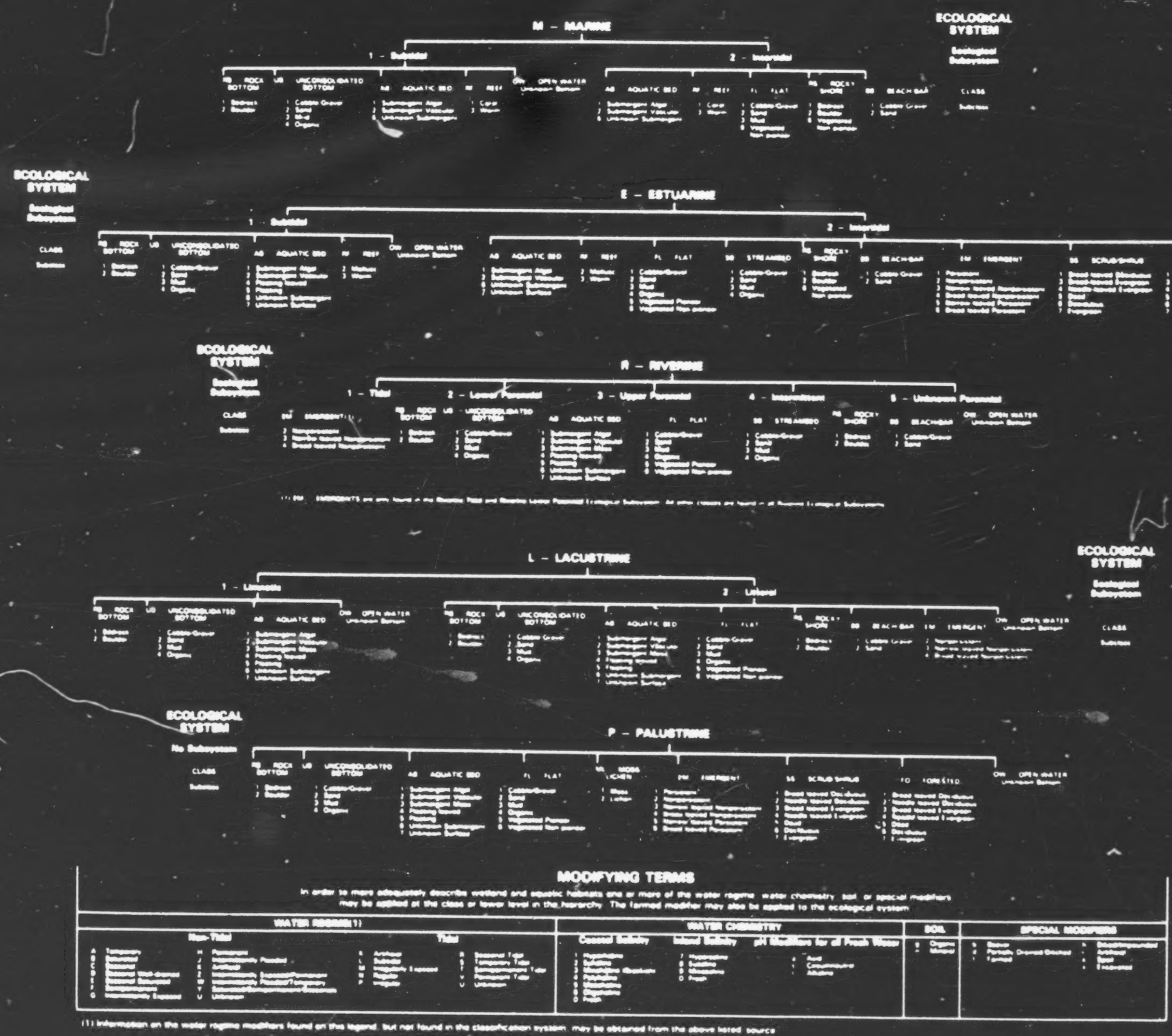

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B Saturated	G Intermittently Exposed	T Intermittently Flooded	W Temporary Tidal	2 Eusaline	7 Subsaline	2 Mineral	d Partially Drained/Ditched
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D Intermittent	J Intermittently Exposed/Permanent	Y Permanently Flooded/Intermittently Exposed	Y Permanent Tidal	4 Polyhaline	9 Fresh		h Diked/Impounded
E Artificially Flooded	K Artificial	Z Intermittently Flooded/Temporary	Z Unknown	5 Mesohaline			r Artificial
							x Excavated

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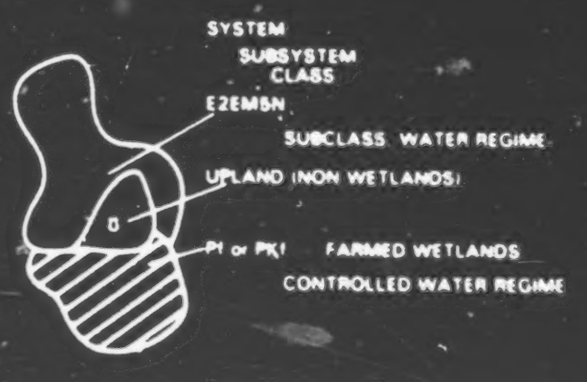

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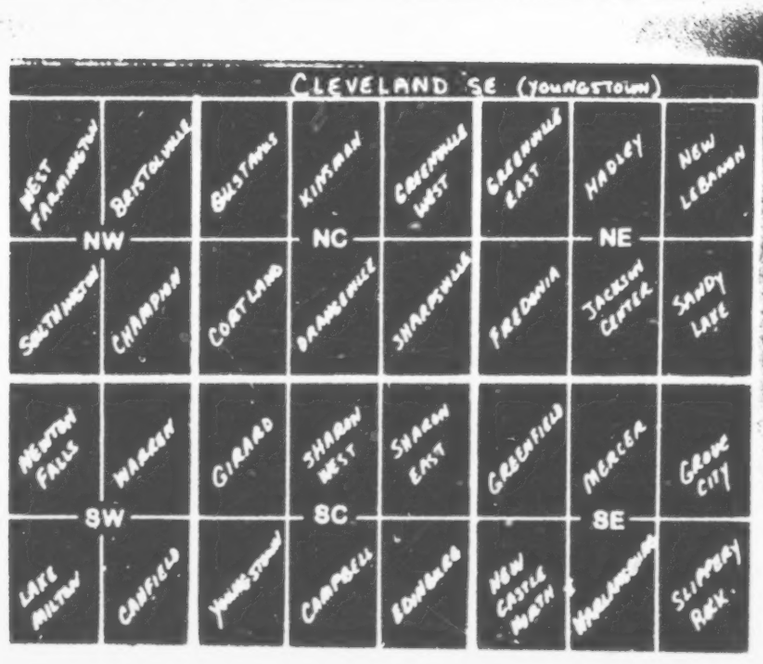
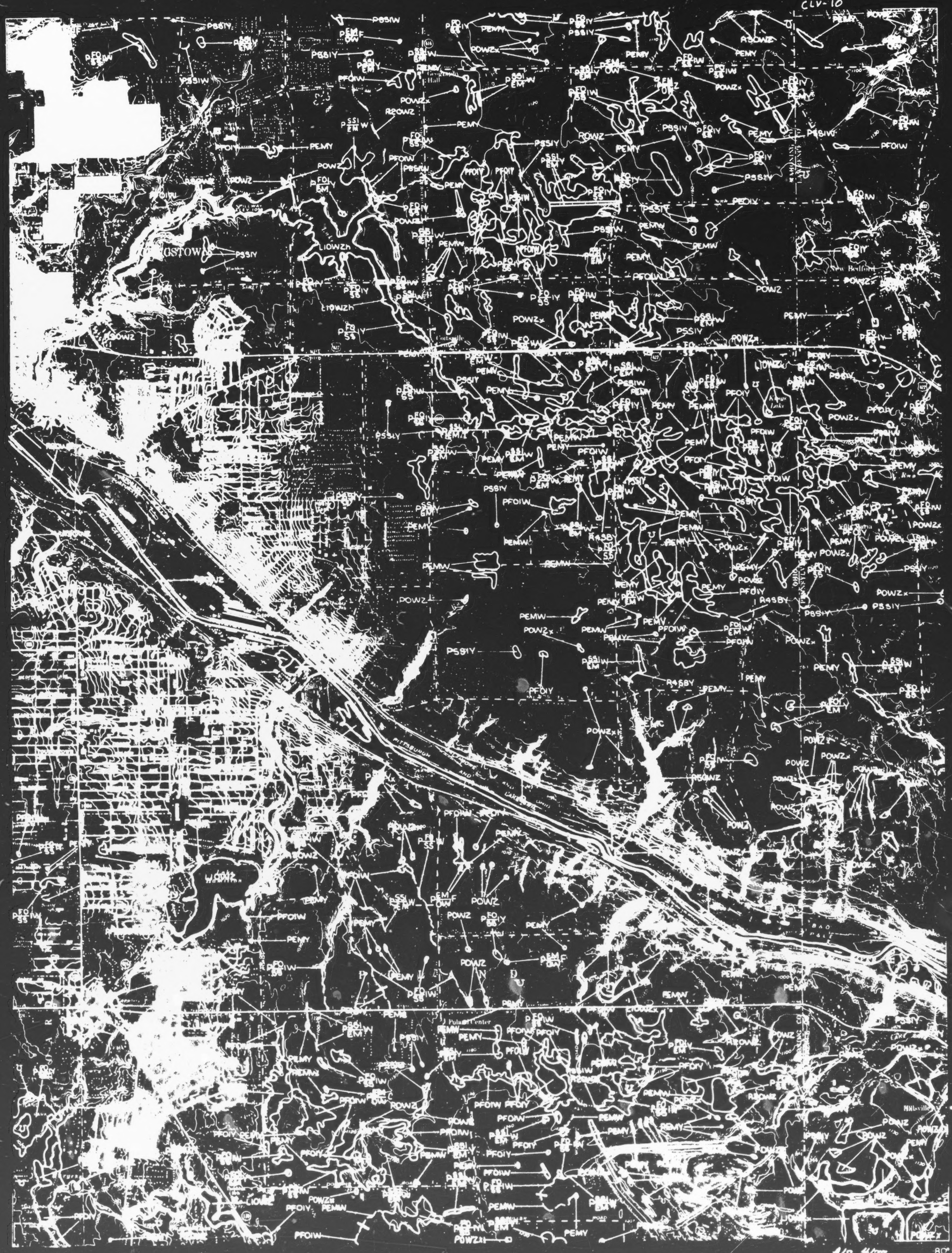


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CLV-10


PEMY
PEMW
PFOIW
PFOIY
PSSIY
PSSIW
POWZ
POWZx
R2OWZ
R4SBY
LIOWZh
PSOWZ
PEOIY
PEOIW
PSSIV
PEMV
PFOIV
PSSIV
PEMIW
PFOIV
PSOWZ
PEMIV
PSSIV
PEMIV
PSSIW
PEMIV
PFOIV
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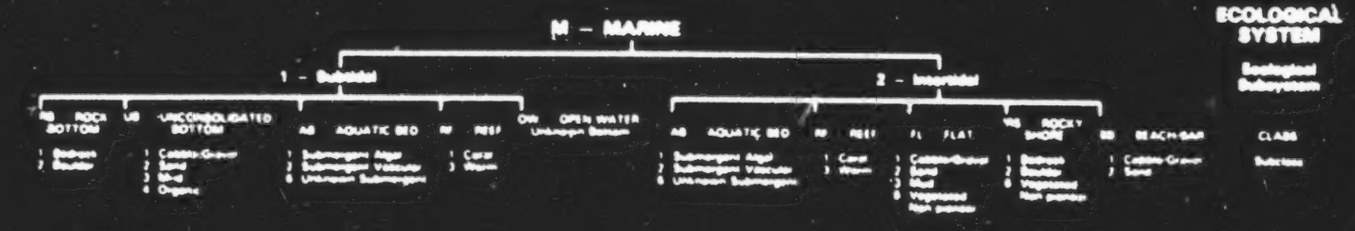
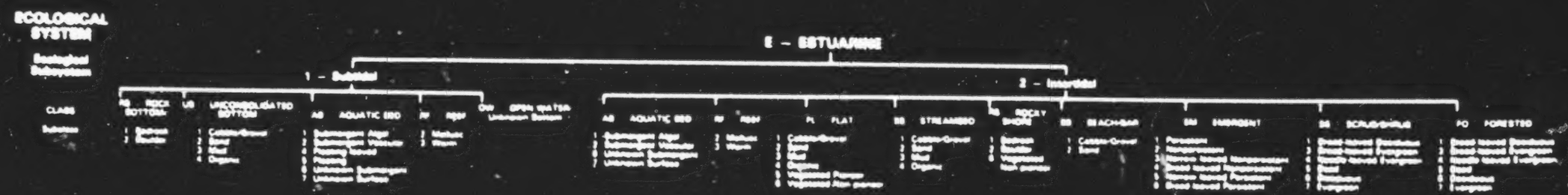
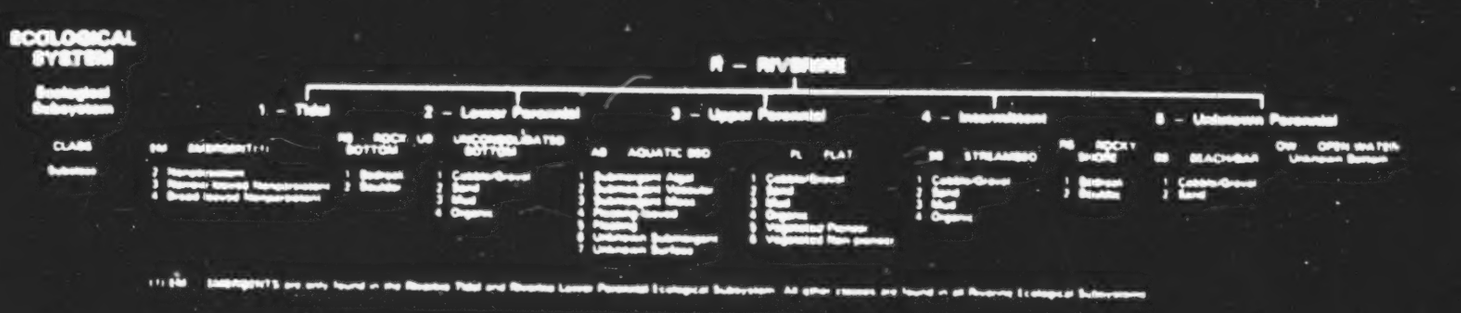
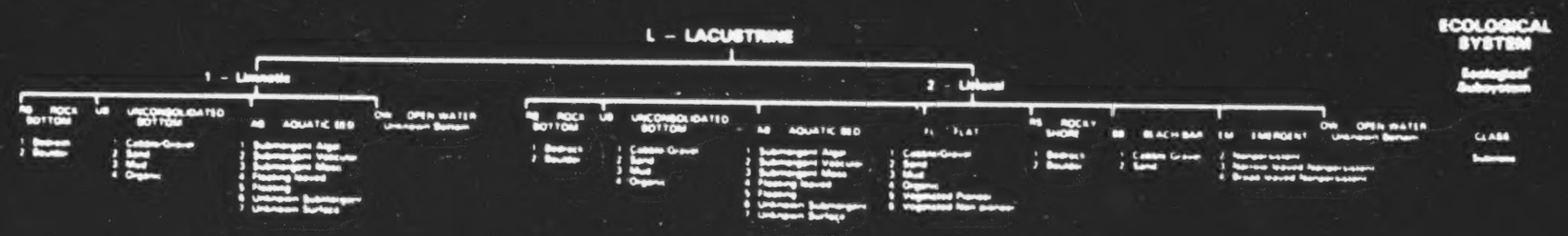
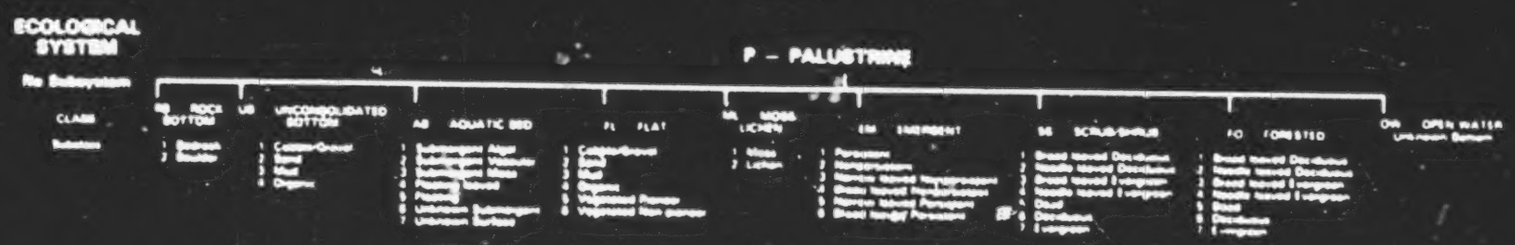






(1) EM Emergents are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.





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WATER REGIME(1)										WATER CHEMISTRY							SOIL	SPECIAL MODIFIERS			
Non-Tidal					Tidal					Coastal Salinity		Inland Salinity		pH Modifiers for all Kinds of Water							
A	Permanent	F	Intermittently Flooded		G	Subtidal		J	Seasonal Tidal	1	Hypersaline	5	Hyposaline	8	Acid		1	Organic	1	Saline	5	Diked/Impounded
B	Semipermanent	G	Saturated		H	Irregularly Exposed		K	Temporary Tidal	2	Eusaline	6	Eusaline	9	Calcareous		2	Mineral	2	Fresh	6	Artificial
C	Seasonal	H	Artificial					L	Semipermanent Tidal	3	Mixohaline (Brackish)	7	Fresh		Alkaline				3	Diked/Drained		
D	Temporary							M	Permanent Tidal	4	Polyhaline								4	Partly Drained/Ditched		
E	Intermittently Exposed							N	Intermittently Exposed												
								Z	Unknown												

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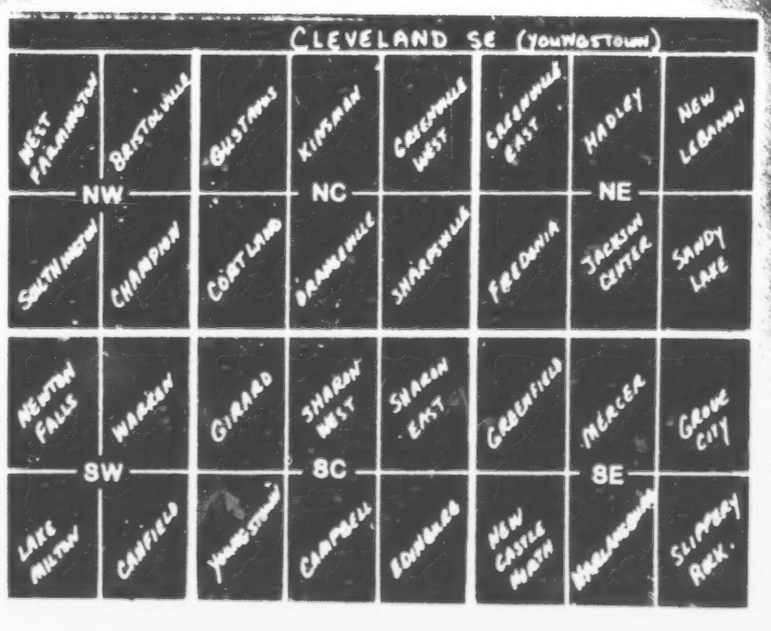

26

CLEVELAND SE
YOUNGSTOWN

6/77

EDINBURG, PA.

SCALE 1:24000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 0 1 KILOMETER

WETLAND LEGEND

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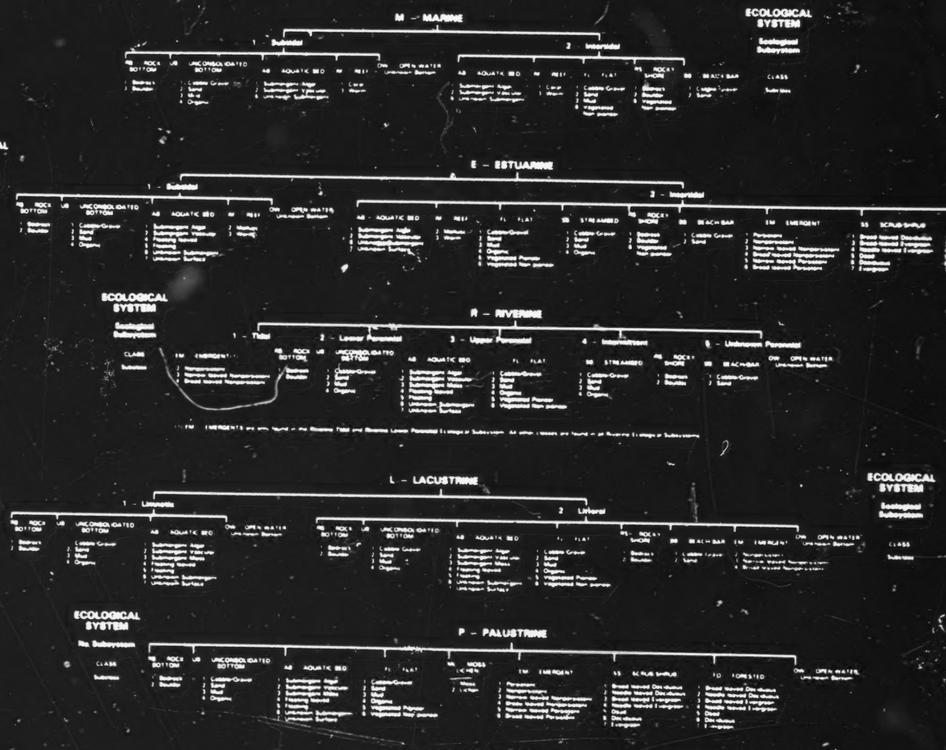

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WATER REGIME(1)	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
Non-Tidal: Permanently Flooded; Intermittently Exposed; Semipermanently Flooded; Seasonally Flooded; Saturated; Temporarily Flooded; Intermittently Flooded; Artificially Flooded. Tidal: Subtidal; Irregularly Exposed; Regularly Flooded; Irregularly Flooded.	Coastal Salinity: Hypersaline; Euhaline; Mesohaline; Oligohaline; Polyhaline; Fresh. Inland Salinity: Hyperhaline; Eusaline; Mesosaline; Subsaline; Fresh. pH Modifiers for all Fresh Water: Acid; Circumneutral; Alkaline.	Organic; Mineral.	Excavated; Diked/Impounded; Partly Drained/Ditched; Farmed; Artificial; Spoil; Excavated.

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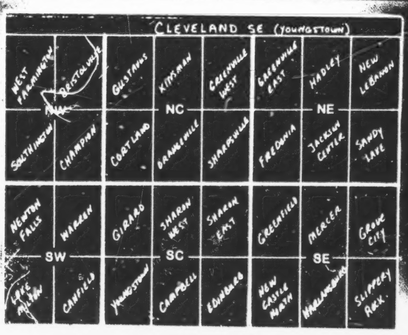
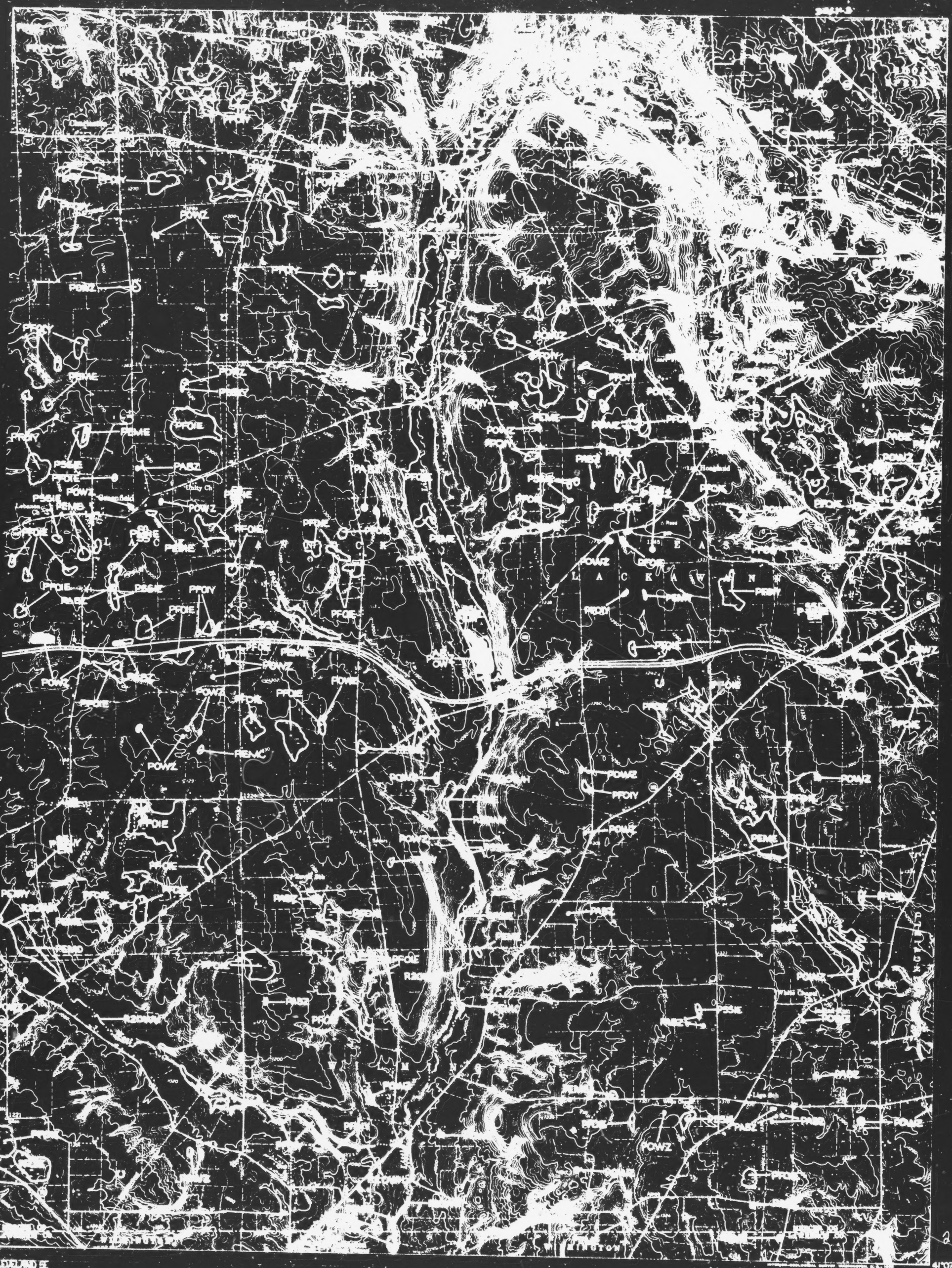


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR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PEMF
PEMA
PEMB
PFOE
PSSE
PSSC
PSSA
PSSB
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PABF
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PABG
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PABC
PABD
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PFOJ
PFOK
PFOY
PEMY
POWZ
PUSC
PUSA
PUSB
PUSZ
PEMZ
PSSZ
PFOZ
L A C K A W A N N A
Greenfield
Unity Ch
Lebanon Ch
Howland
Hubbard
Newton Falls
Girard
Youngstown
Warren
Niles
Farrell
Sharon
Hermitage
Sharpsville
Mercer
Grove City
Slippery Rock
Butler
Kittanning
Ford City
Leechburg
Apollo
Vandergrift
New Kensington
Tarentum
Brackenridge
Natrona Heights
Harrison City
Delmont
Murrysville
Export
Irwin
North Huntingdon
Jeannette
Penn
Greensburg
Latrobe
Derry
Ligonier
Stahlstown
Donegal
Mount Pleasant
Scottdale
Connellsville
Uniontown
Brownsville
Belle Vernon
Monessen
Charleroi
Fredericktown
Washington
Canonsburg
Bridgeville
Carnegie
Pittsburgh
McKeesport
Duquesne
Clairton
Glassport
Elizabeth
Monongahela
Finleyville
Canton
Beaver
Aliquippa
Ambridge
Sewickley
Coraopolis
Moon Twp
Oakdale
Imperial
Burgettstown
Midway
Avella
Cecil
Bridgeville
Library
Houston
Eighty Four
Venetia
Peters Twp
Upper St Clair
Bethel Park
Mt Lebanon
Dormont
Green Tree
Crafton
Ingram
Sewickley Hts
Leetsdale
Economy
Ohioville
Hookstown
Clinton
Robinson
Findlay
Moon
Crescent
Neville Island
Sewickley
Aleppo
Kilbuck
Edgeworth
Sewickley Hills
Osborne
Franklin Park
Bradford Woods
Richland
Marshall
Pine
Ross
Shaler
Etna
Millvale
Reserve
Aspinwall
Fox Chapel
Oakmont
Verona
Plum
Penn Hills
Wilkinsburg
Swissvale
Edgewood
Forest Hills
Turtle Creek
Monroeville
Trafford
North Versailles
East Pittsburgh
Wall
Braddock
Rankin
Dravosburg
Port Vue
White Oak
Jefferson Hills
Pleasant Hills
Baldwin
Whitehall
Brentwood
Castle Shannon
Mt Oliver
Carrick
Dormont
Bethel Park
South Park
Library
Upper St Clair
Scott
Crafton
Ingram
Green Tree
Collier

WETLAND LEGEND

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WATER REGIME(1)												WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS		
Non-Tidal				Tidal								Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water					
Permanently Flooded	Intermittently Exposed	Semipermanently Flooded	Intermittently Flooded	Artificially Flooded	A	Subtidal	K	Artificially Flooded	C	Saturated	H	Hypersaline	Hyperhaline	Acid		Organic	Diked/Impounded	Partially Drained/Ditched	Farmed
Seasonally Flooded	Saturated	Seasonally Flooded	Intermittently Exposed	Semipermanently Flooded	B	Irregularly Exposed			E	Regularly Flooded	S	Euhaline	Eusaline	Circumneutral		Mineral	Artificial	Farmed	Partially Drained/Ditched
Temporarily Flooded		Temporarily Flooded	Permanently Flooded	Intermittently Exposed/Permanent	F	Irregularly Flooded			V	Permanently Flooded-Tidal	M	Mixohaline (Brackish)	Mixosaline	Alkaline				Farmed	
Intermittently Exposed		Intermittently Exposed/Permanent		Permanently Flooded	G	Regularly Flooded													
		Permanently Flooded		Intermittently Exposed/Permanent	H	Permanently Flooded													
				Unknown															

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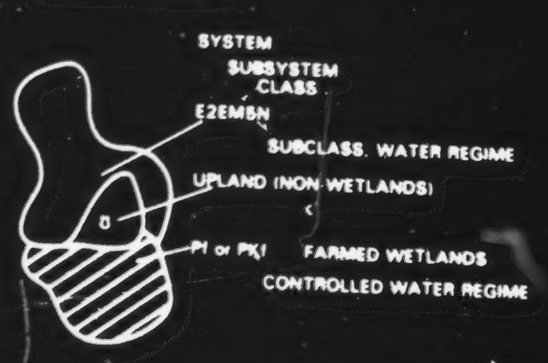

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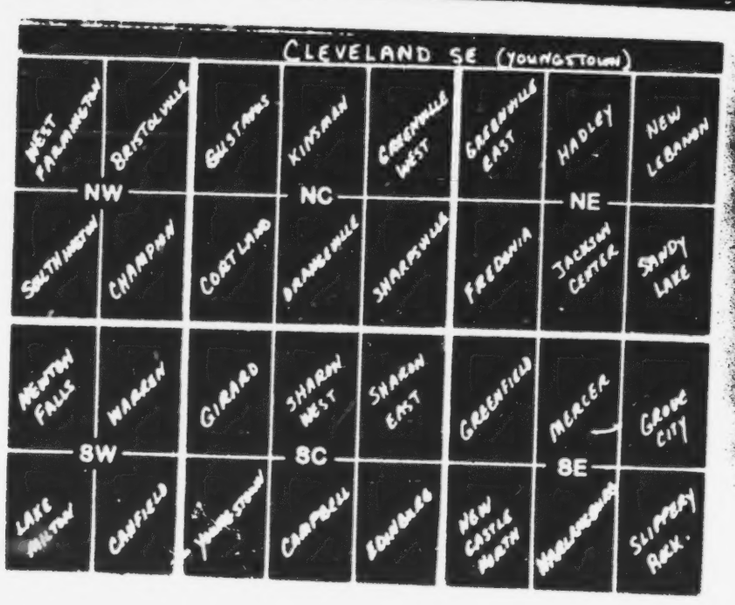

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

28

CLEVELAND SE
YOUNGSTOWN

41°07'30"
80°07'30"

4/77

MERCER, PA.

SCALE 1:24000

MILE

KILOMETER

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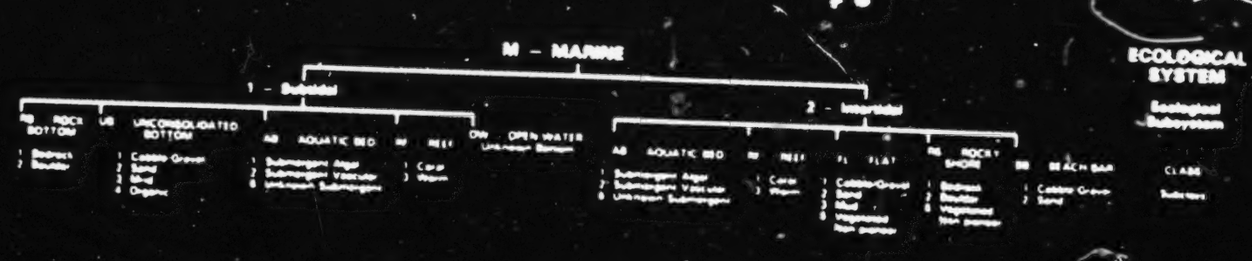

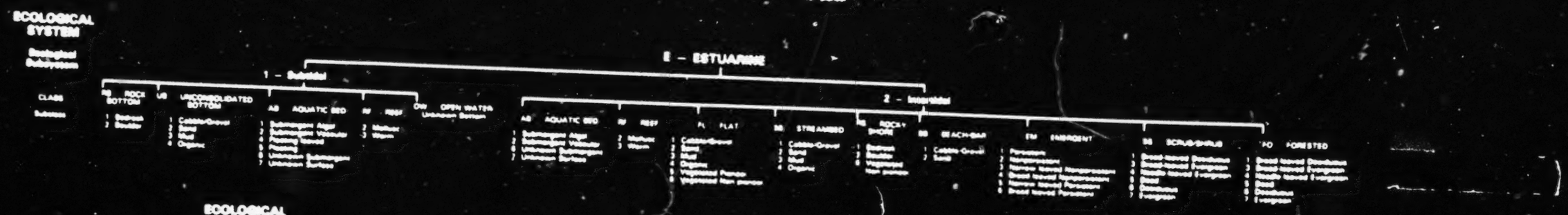

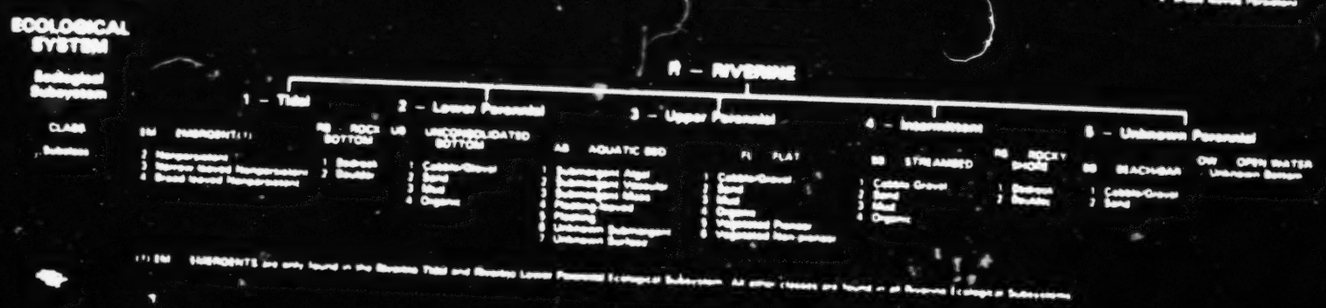

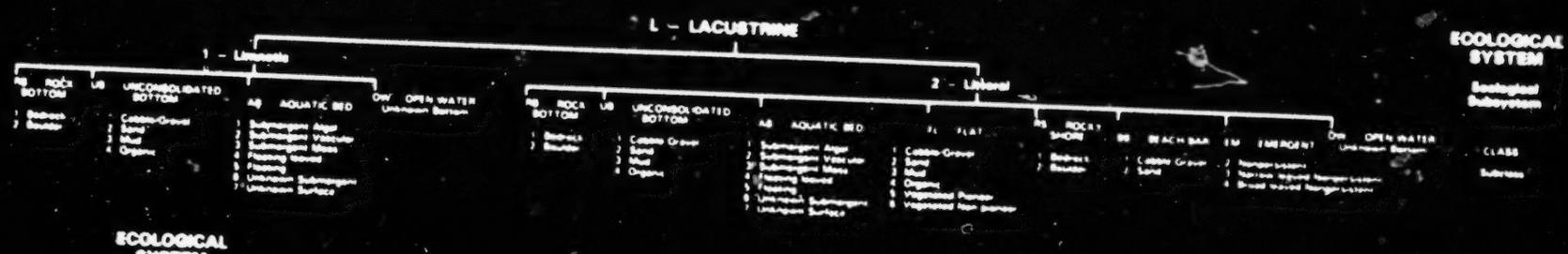

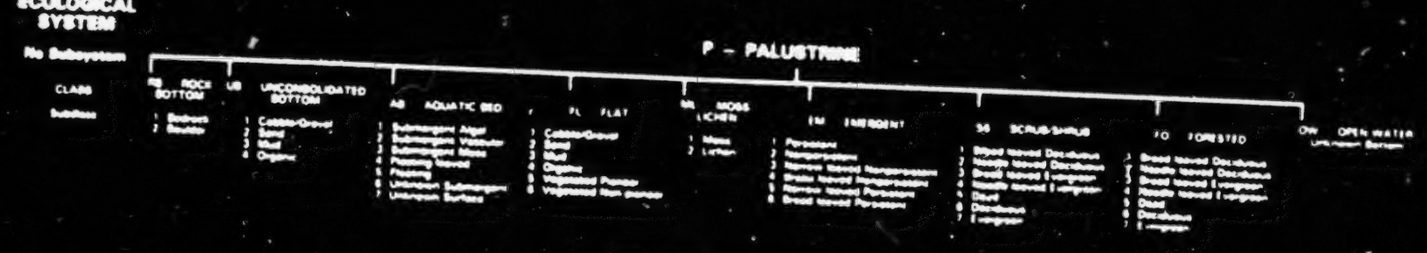

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WATER REGIME(1)

Non-Tidal

- A Temporary
- B Saturated
- C Seasonal
- D Seasonal Well-Drained
- E Seasonal Saturated
- F Semipermanent
- G Intermittently Exposed
- H Permanent
- J Intermittently Flooded
- K Artificial
- M Intermittently Exposed/Permanent
- N Semipermanent/Permanent
- P Intermittently Flooded/Temporary
- U Unknown

Tidal

- R Subtidal
- S Irregularly Exposed
- T Regularly Flooded
- V Irregularly Flooded/Temporary
- W Permanent Flooded
- Y Unknown

WATER CHEMISTRY

Coastal Salinity

- 1 Hypersaline
- 2 Eusaline
- 3 Mixosaline (Brackish)
- 4 Mixohaline
- 5 Polysaline
- 6 Fresh

Inland Salinity

- 7 Hypersaline
- 8 Eusaline
- 9 Mixosaline
- 0 Fresh

pH Modifiers for all Fresh Water

- a Acid
- b Circumneutral
- c Alkaline

SOIL

- 5 Organic
- 6 Mineral

SPECIAL MODIFIERS

- b Beaver
- d Partially Drained/Ditched
- f Farmed
- h Diked/Impounded
- r Artificial
- s Spoil
- x Excavated

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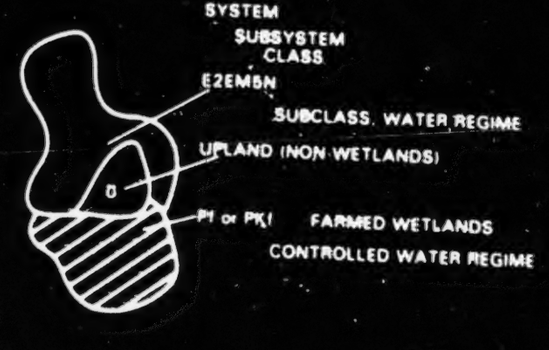

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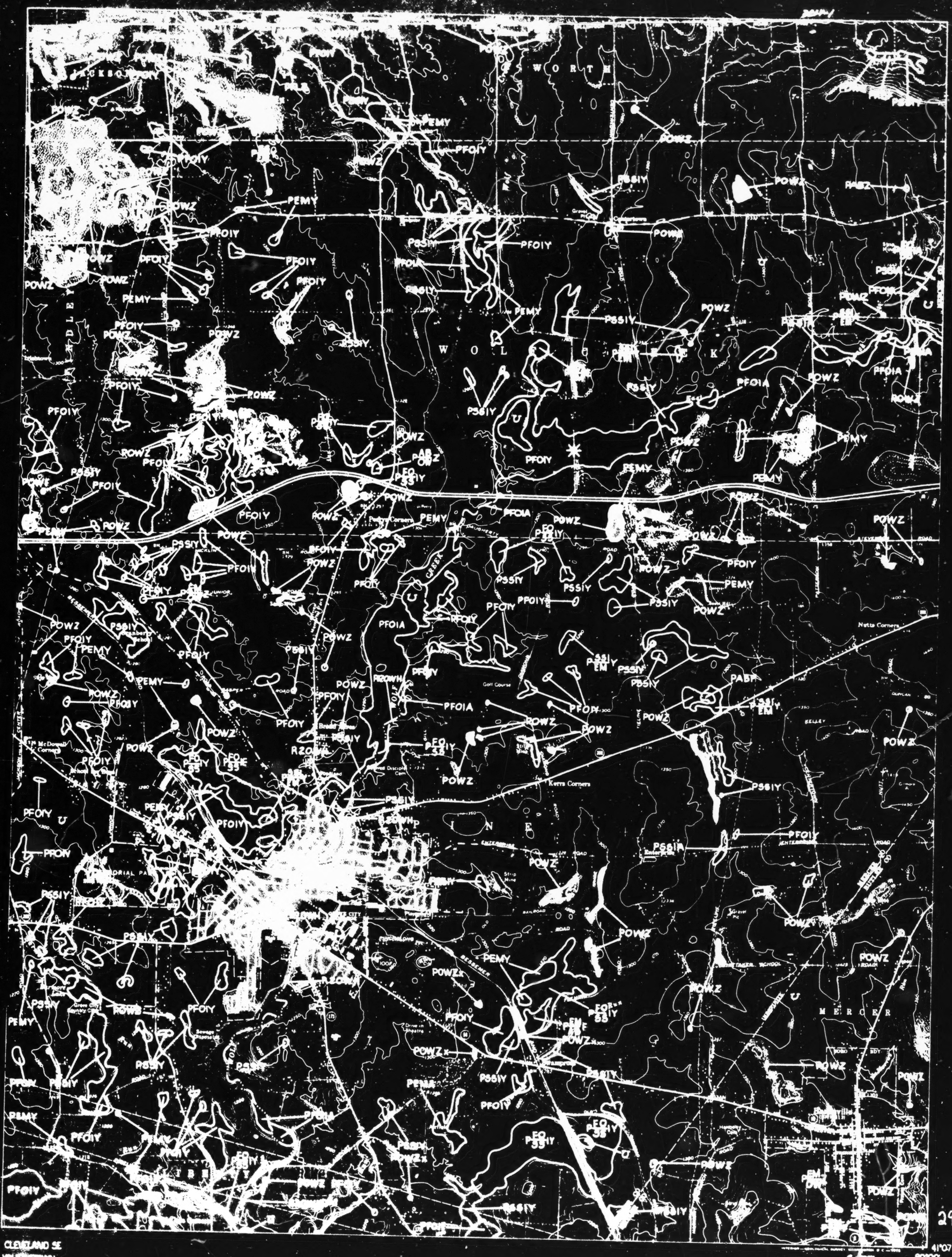
W O R T H
W O L C O T T
L I N E
M E R C E R
POWZ
PEMY
PFOIY
PSSIY
PS61Y
PFOIA
PABP
PSSIN
PFOIN
PEMF
PEMW
PFOW
PSSIW
PSSIV
PFOIV
PEMV
PSSIA
PEMA
PFOIE
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PFOIT
PEMU
PSSIU
PFOIU
PEMX
PSSIX
PFOIX
PEMZ
PSSIZ
PFOIZ
Kerrs Corners
Notts Corners
Golf Course
Green Gully
Cemetery
Stand Pipe
Drive-in Theatre
Fischerdale Estates
Sharon Township
CLEVELAND SE
WILKESTOWN
GROVE CITY, PA.
41°07'30"
80°00'
29

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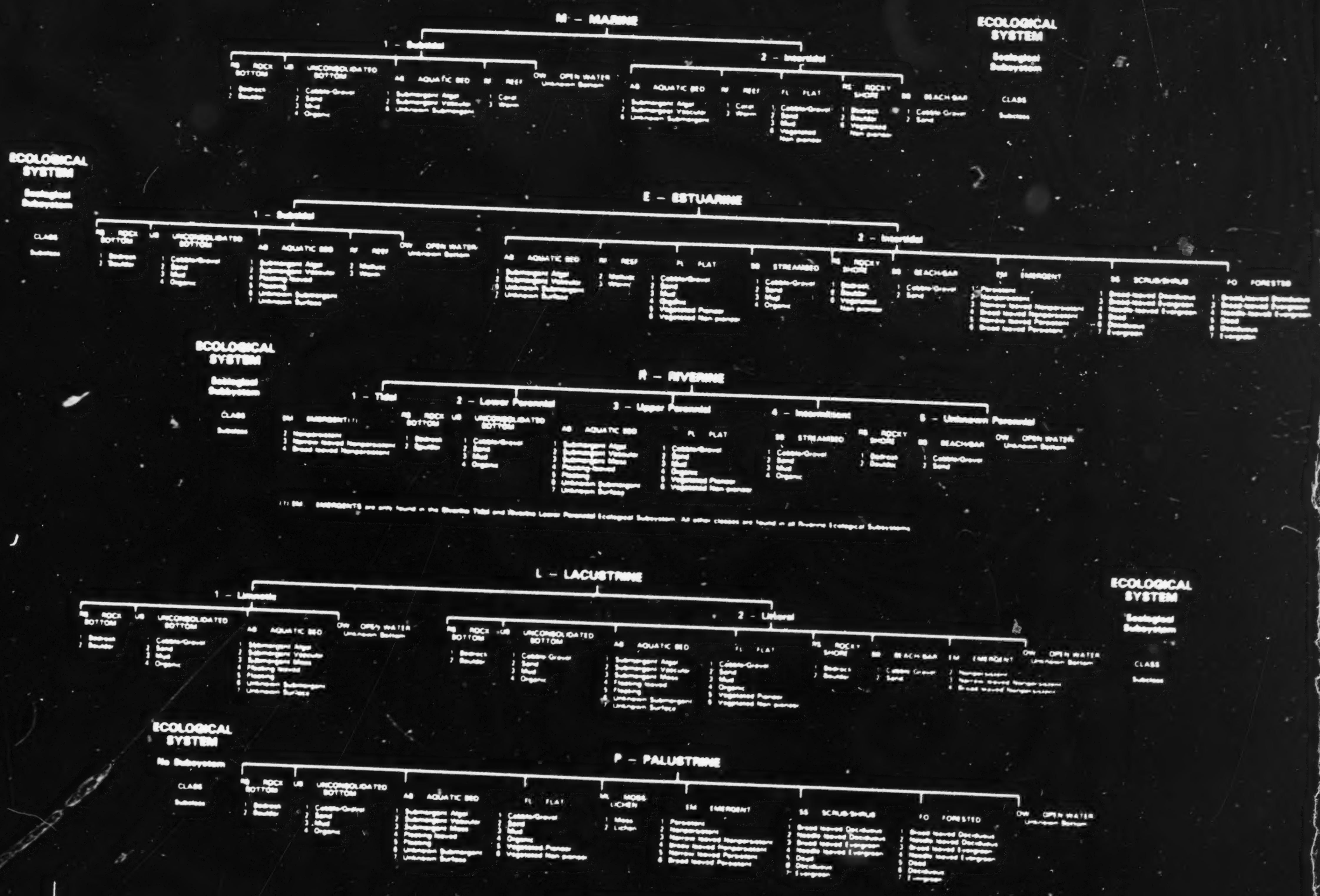

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Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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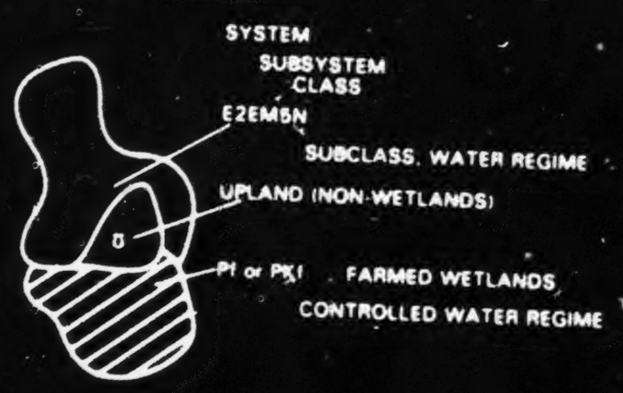

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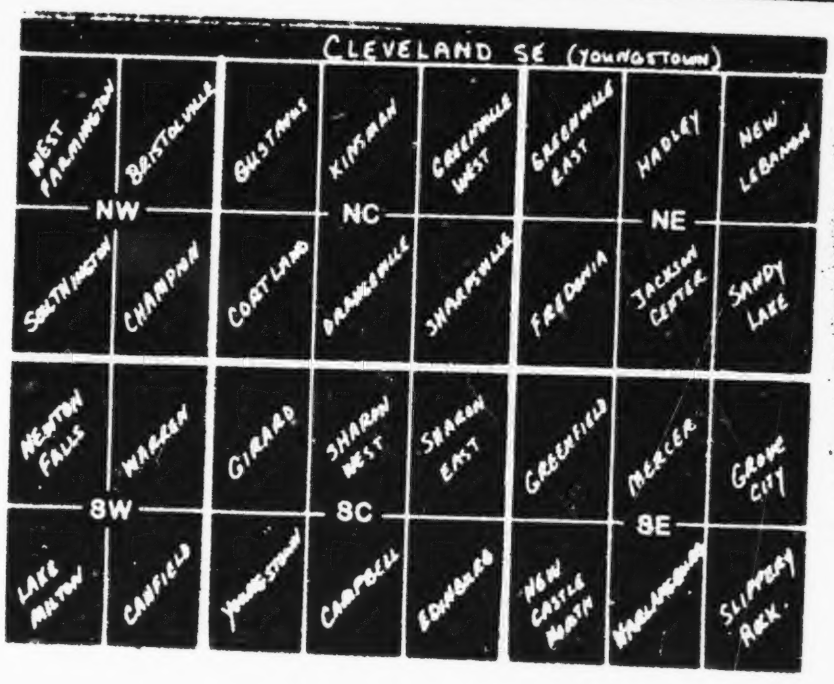

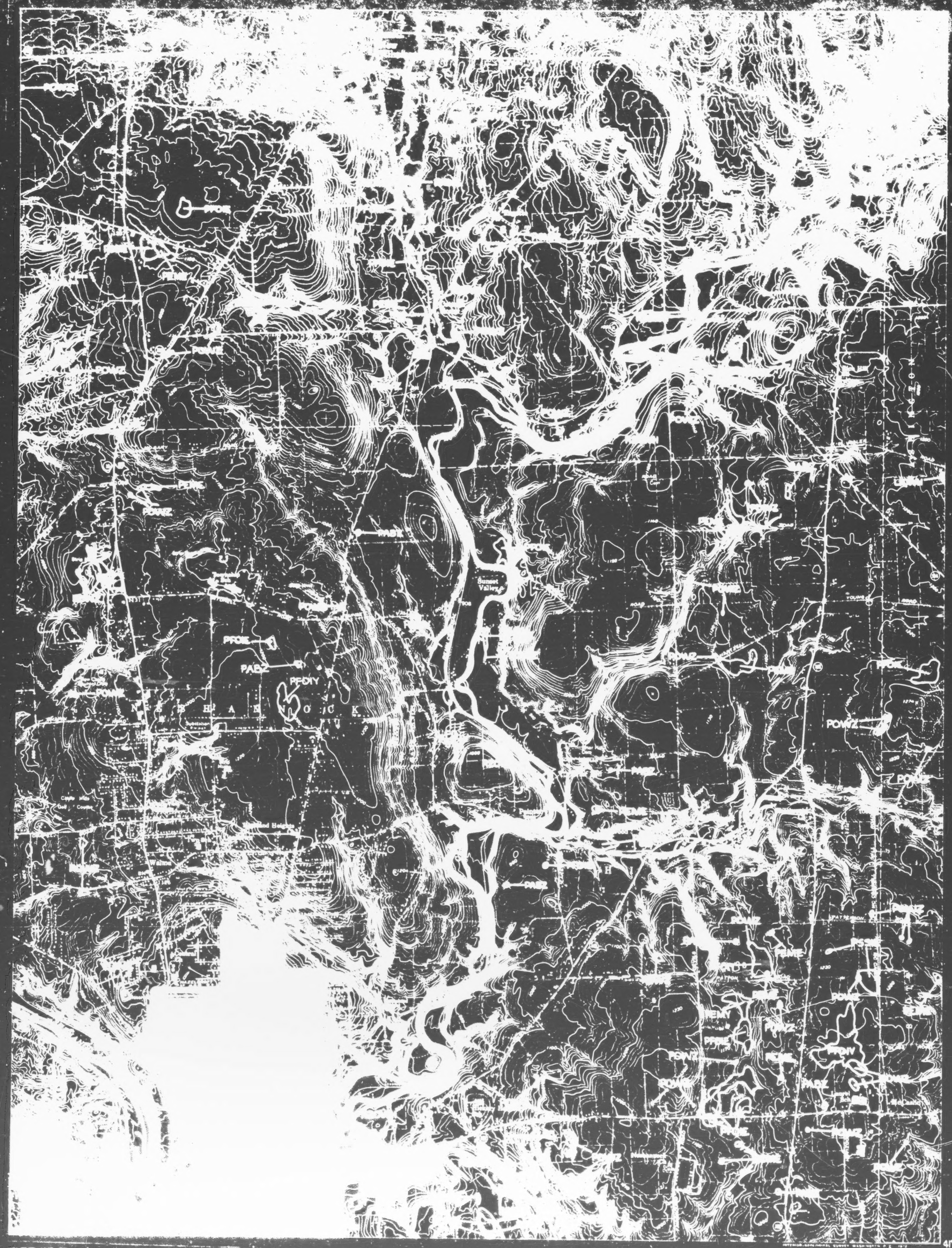

CLEVELAND SE
YOUNGSTOWN

SCALE 1:24 000

30

4/77

4/100'
80'15'

NEW CASTLE NORTH, PA.

WETLAND LEGEND

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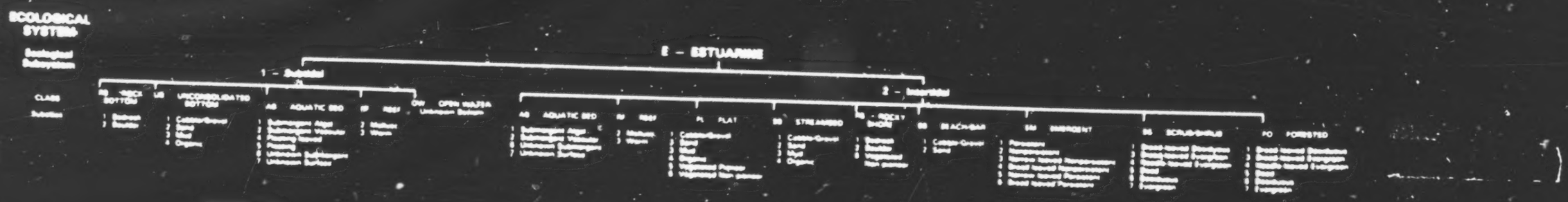
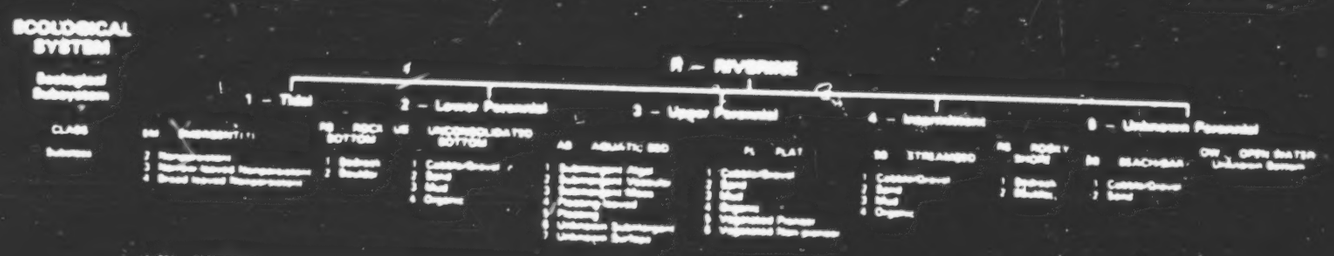
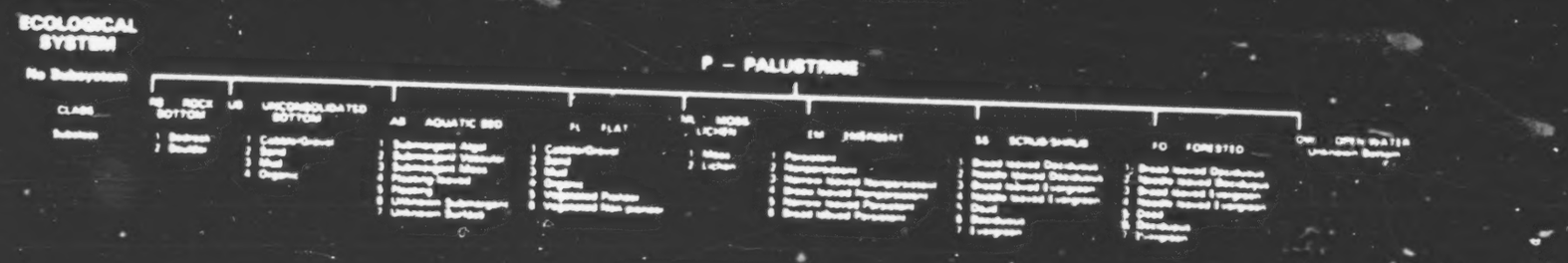




(1) EM EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystem. All other classes are found in all Riverine Ecological Subsystems.



MODIFYING TERMS

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WATER REGIME(1)										WATER CHEMISTRY								SOIL	SPECIAL MODIFIERS			
Non-Tidal					Tidal					Coastal Salinity		Inland Salinity		pH Modifiers for all Fresh Water								
A Temporary	F Seasonal	J Permanent			K Artificial		P Permanently Flooded			1 Hypersaline		5 Hyperhaline		6 Eutrohaline		7 Mixosaline		8 Organic	H Diked/Impounded			
B Saturated	G Intermittent	K Artificial			L Intermittently Exposed		Y Saturated			2 Euhaline				0 Fresh				9 Mineral	R Partially Drained/Ditched			
C Seasonal	H Permanently Flooded				Y Permanent		Z Intermittently Exposed			3 Mesohaline		7 Polyhaline		4 Oligohaline		8 Acid			S Farmed			
D Intermittently Exposed	J Intermittently Exposed				Z Intermittently Exposed																	
E Permanently Flooded	K Artificial																					
F Seasonally Flooded	Y Saturated																					
	Z Intermittently Exposed																					

(1) Information on the water regime modifiers found on the legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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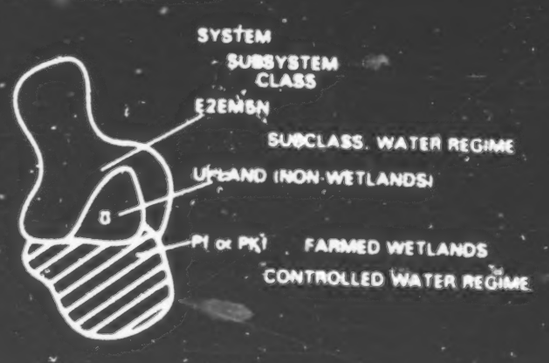
SYMBOLOGY EXAMPLE



NOTES TO THE USER

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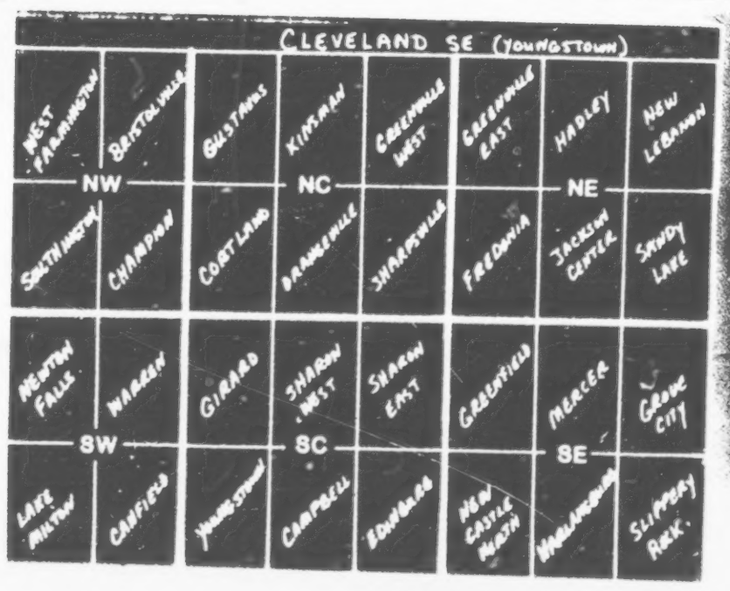

WASHINGTON
PLAIN GROVE
STATE GAME LANDS NO. 181
Plain Grove
Hollenback
Strip Mine
Taylor
PATTERSON
HALL
POWZ
PEMY
PFOIY
PSSIY
PEMW
PFOW
PSSIW
PEME
PSSIA
PABZ
LIQWZ
YOBLER
COX ROAD
CREEK
31
41°00'
80°07'30"
HARLANSBURG, PA.
CLARIANT SE
VENETIAN
SCALE 1:24 000

WETLAND LEGEND

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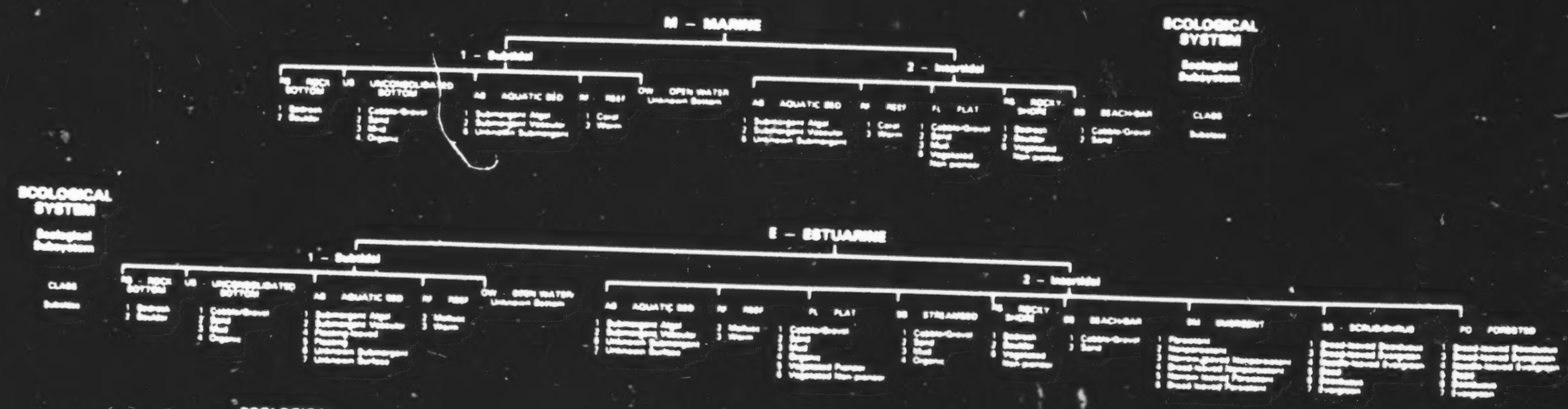

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Non-Tidal			Tidal							Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water				
A Temporary	E Seasonal	H Permanent	J Irregularly Exposed	K Artificial	L Artificially Flooded	M Subtidal	N Irregularly Flooded	P Regularly Flooded		1 Hypersaline	5 Saline	6 Alkaline	7 Acid	8 Organic Mineral	9 Ferrous Deposits	0 Calcareous
B Saturated	F Semipermanent	J Intermittently Exposed								2 Eusaline	6 Alkaline	7 Acid	8 Humic			
C Seasonal	G Intermittent									3 Mixosaline						
D Temporary Flooded										4 Polysaline						

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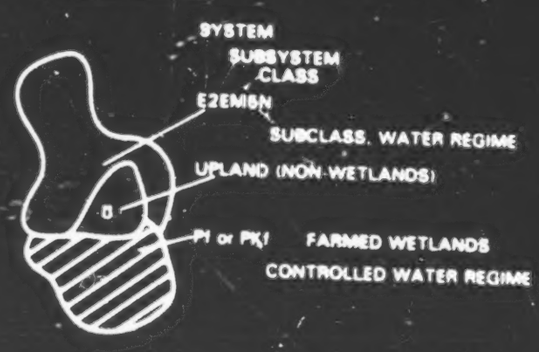

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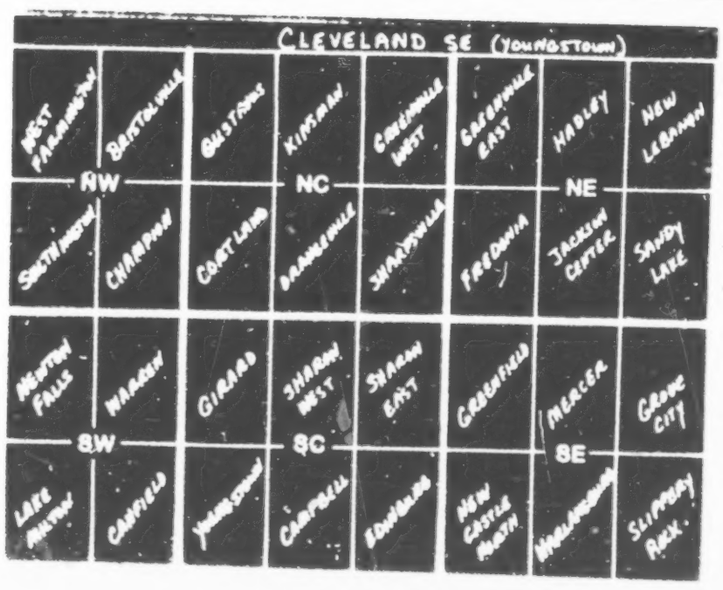

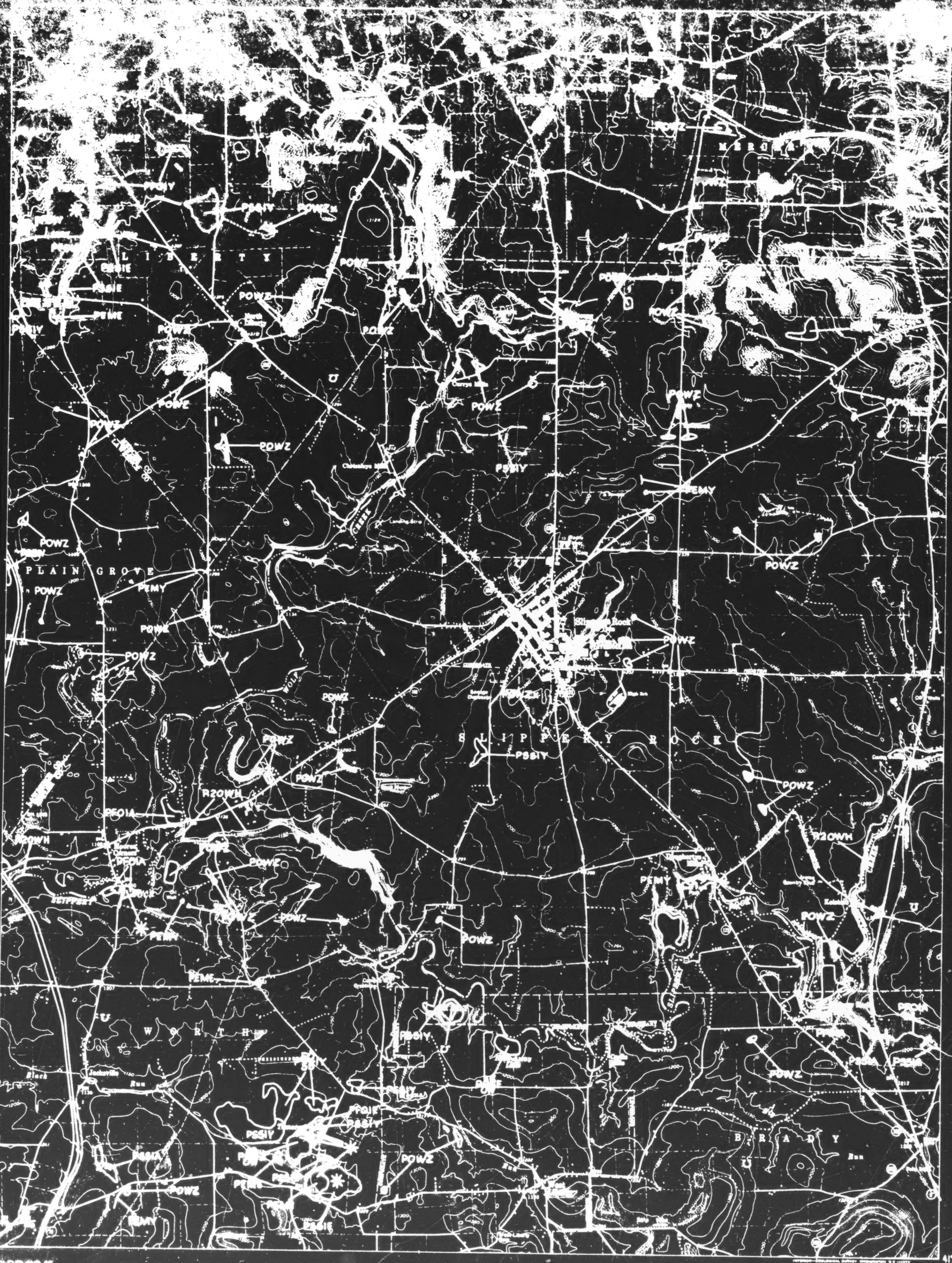

3a

41°00'
80°00'

6/77

SLIPPERY ROCK, PA.

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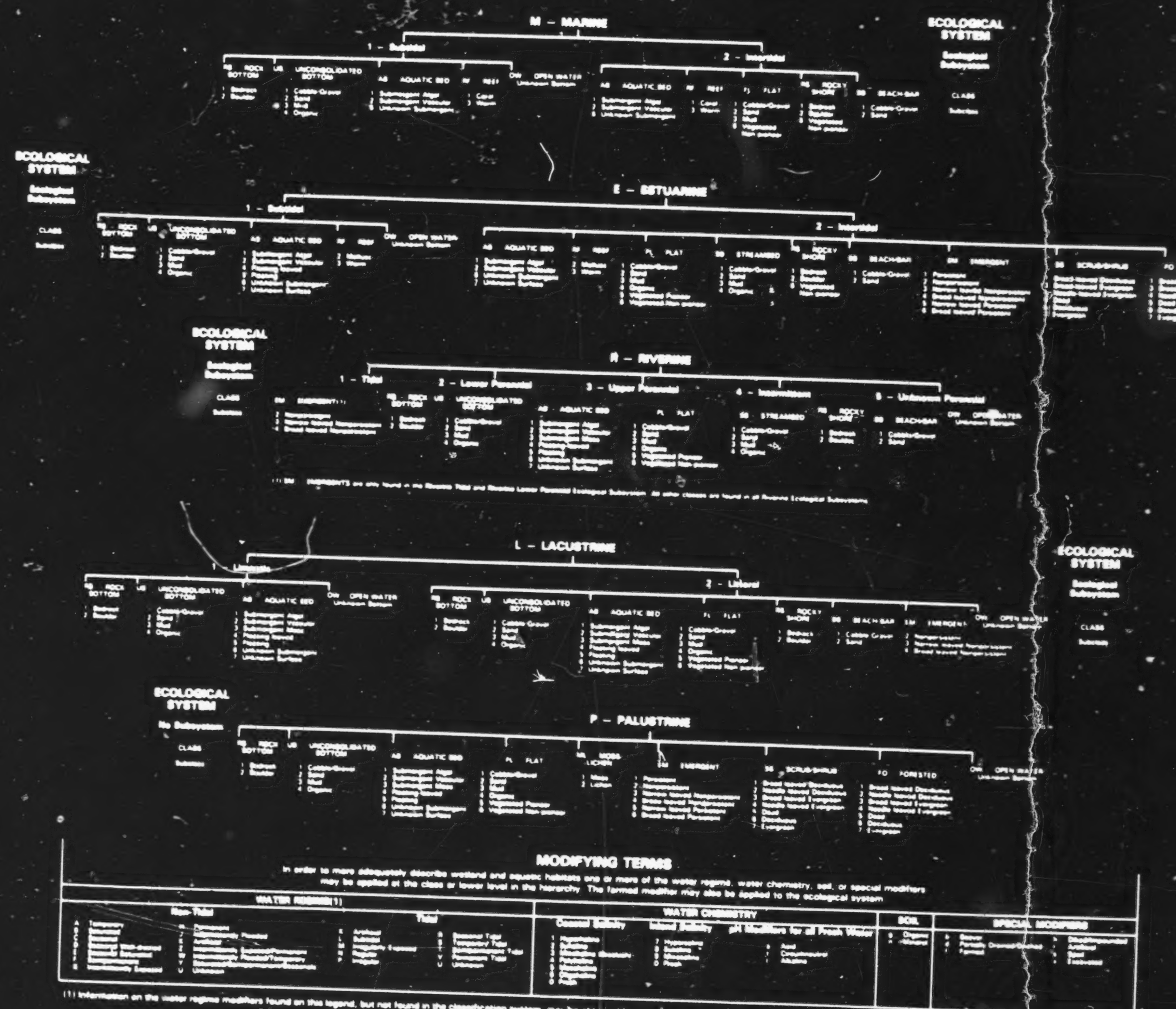

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B Saturated	J Intermittently Flooded		G Intertidal		C Irregularly Flooded					2 Eusaline	8 Eusaline	5 Circumneutral		7 Mineral	f Farmed			r Artificial
C Seasonal	K Artificial									3 Mixohaline (Brackish)	9 Mixohaline	6 Alkaline						s Spoil
D Nontidal Saturated										4 Polyhaline	0 Fresh							t Excavated
E Intermittently Exposed										5 Mesohaline								
										6 Oligohaline								
										0 Fresh								

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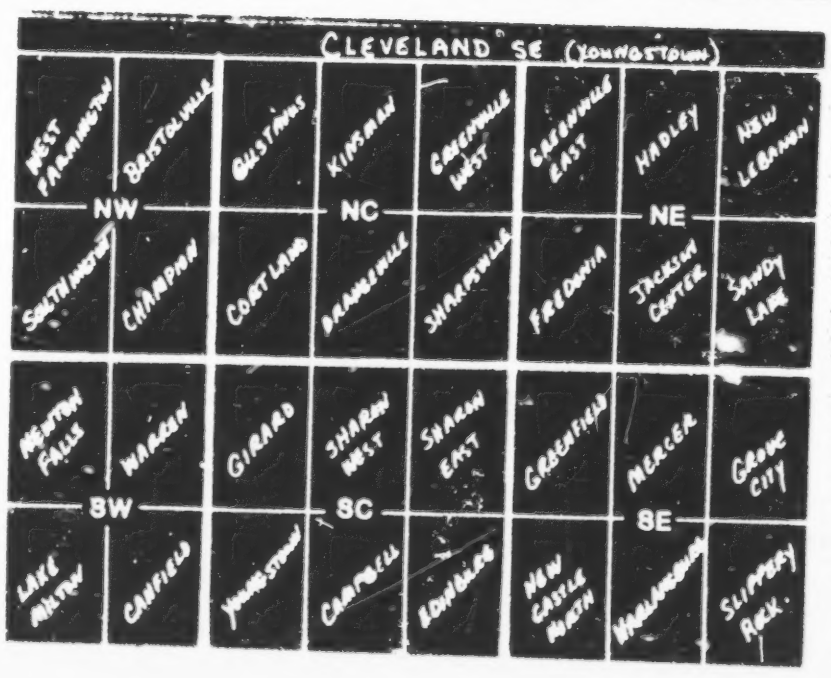
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